

FIG. 6A

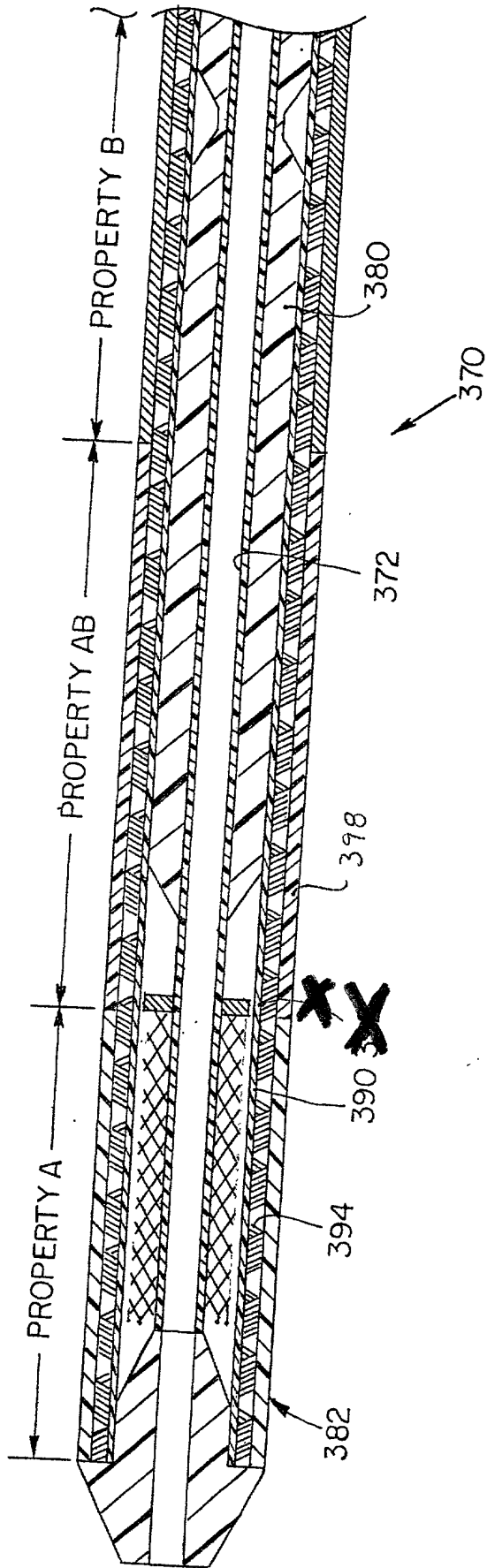


FIG. 20A

FIG. 1A is a perspective view of a diamond-shaped mesh structure 20. The mesh structure 20 is formed by a plurality of interconnected members 22, 24, 26a, 26b, 28a, 28b, 30, 32, and 34. The members 22 and 24 form the outer edges of the mesh, while the members 26a, 26b, 28a, 28b, 30, 32, and 34 form the internal structure. The mesh structure 20 is shown in a perspective view, with the members 22 and 24 being the most prominent.

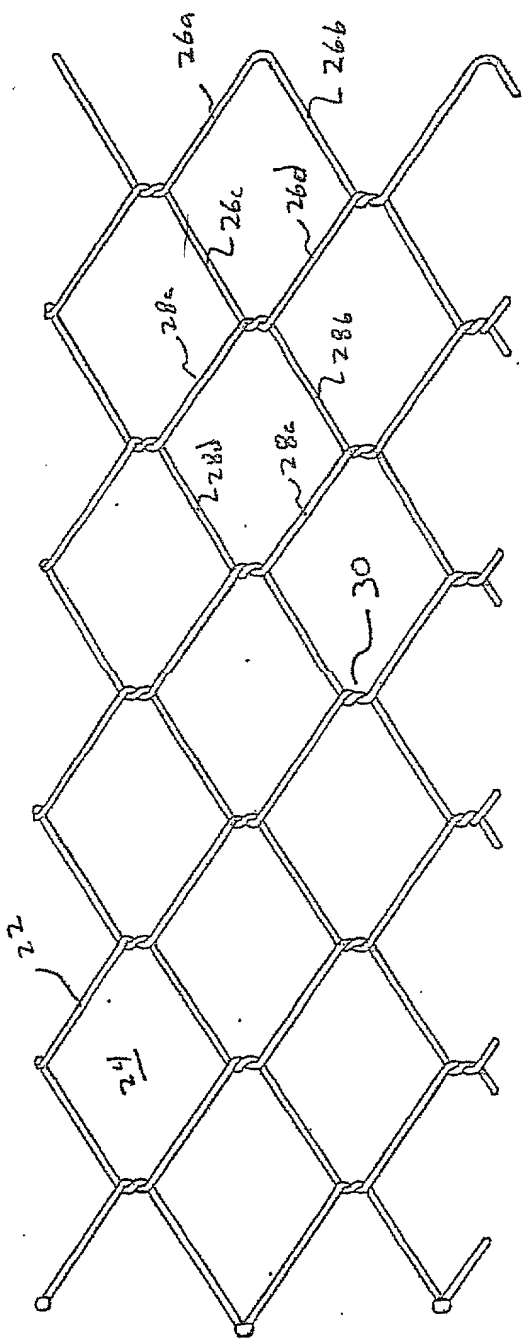


FIG. 1A

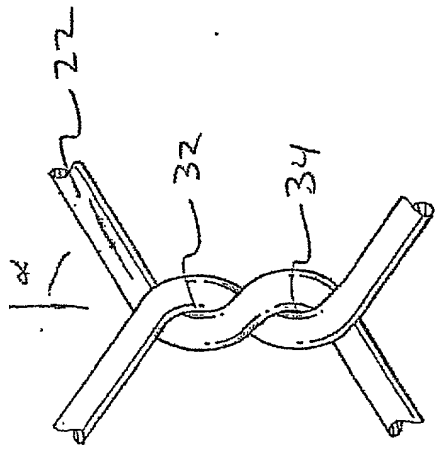


FIG. 1B

FIG. 2A is a perspective view of a mesh structure 10, which is a portion of a larger mesh structure. The mesh structure 10 is formed by a plurality of interconnected nodes 40 and 42, which are connected by a plurality of edges 44. The mesh structure 10 is shown in a perspective view, with the edges 44 forming a series of interconnected diamond-shaped cells. The nodes 40 and 42 are located at the vertices of these cells. The mesh structure 10 is shown in a perspective view, with the edges 44 forming a series of interconnected diamond-shaped cells. The nodes 40 and 42 are located at the vertices of these cells.

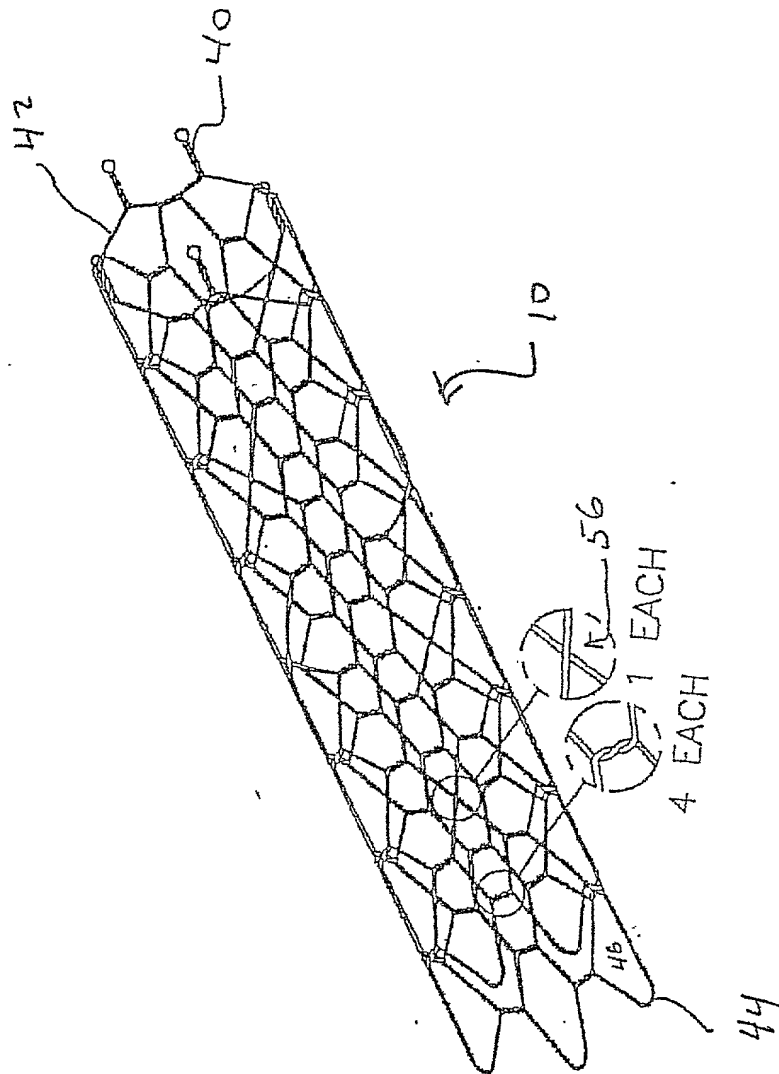


FIG. 2A

FIG. 2B is a perspective view of the diamond mesh structure 10, showing the diamond mesh structure 10 in a perspective view. The diamond mesh structure 10 is formed by a plurality of diamond-shaped cells 46, which are interconnected by a plurality of nodes 40. The diamond mesh structure 10 is shown in a perspective view, with the diamond-shaped cells 46 and the nodes 40 clearly visible. The diamond mesh structure 10 is formed by a plurality of diamond-shaped cells 46, which are interconnected by a plurality of nodes 40. The diamond mesh structure 10 is shown in a perspective view, with the diamond-shaped cells 46 and the nodes 40 clearly visible.

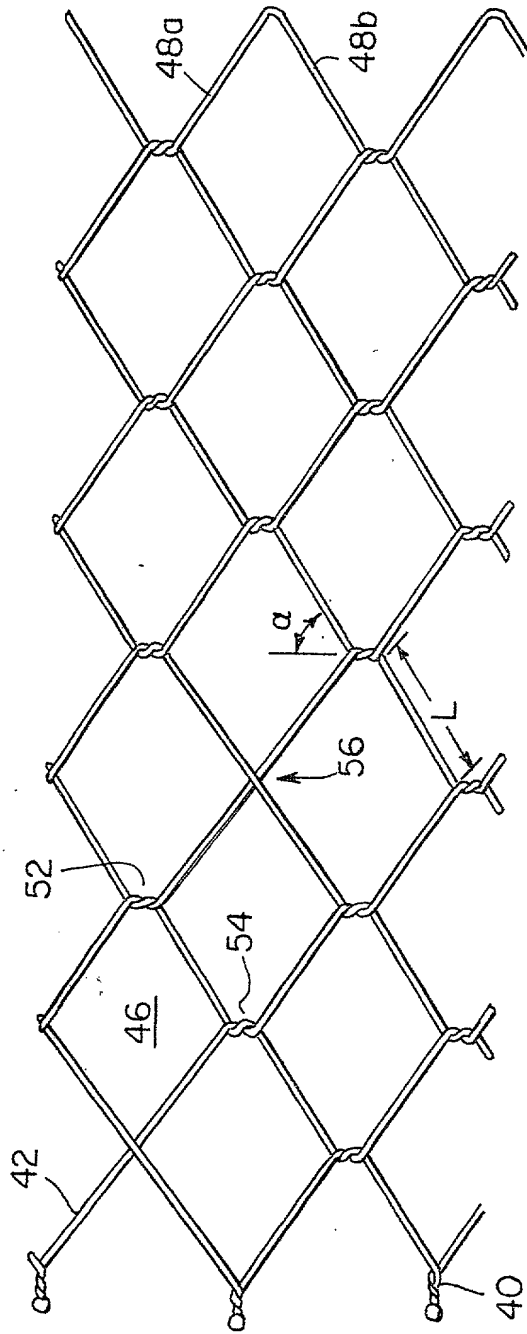


FIG. 2B

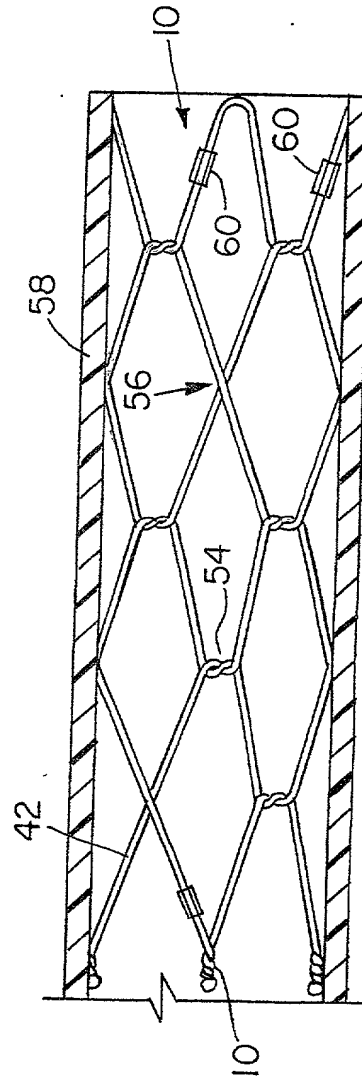


FIG. 3

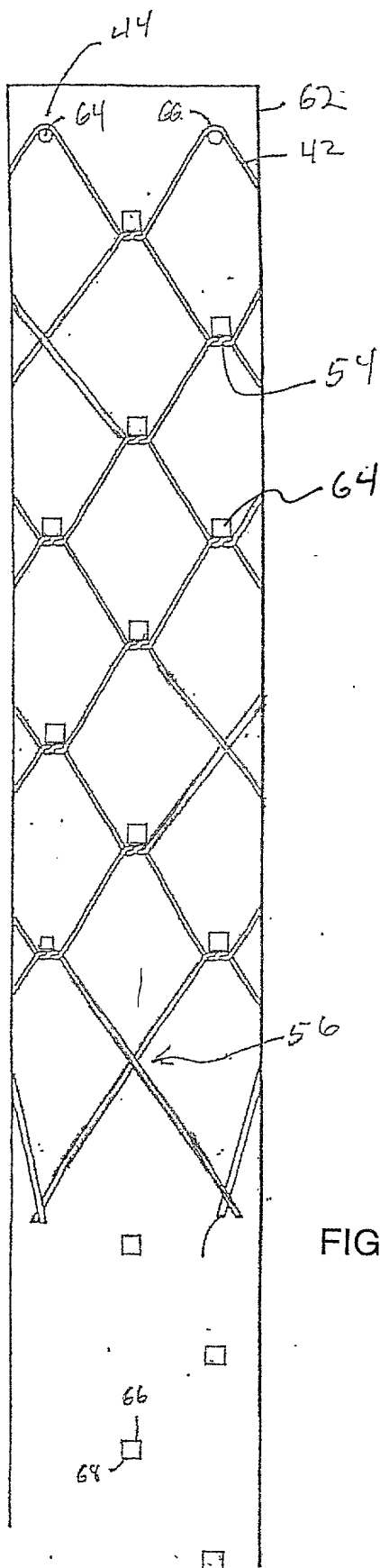


FIG. 4A

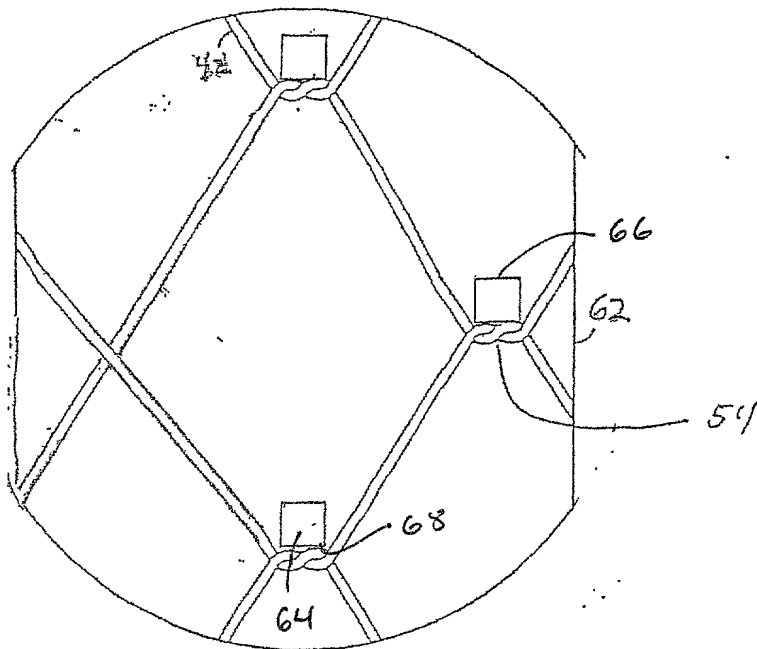


FIG. 4B

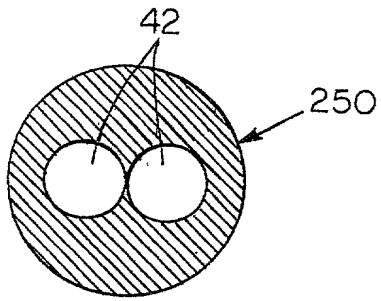


FIG. 4C

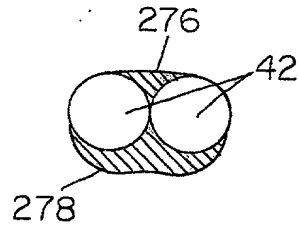


FIG. 4F

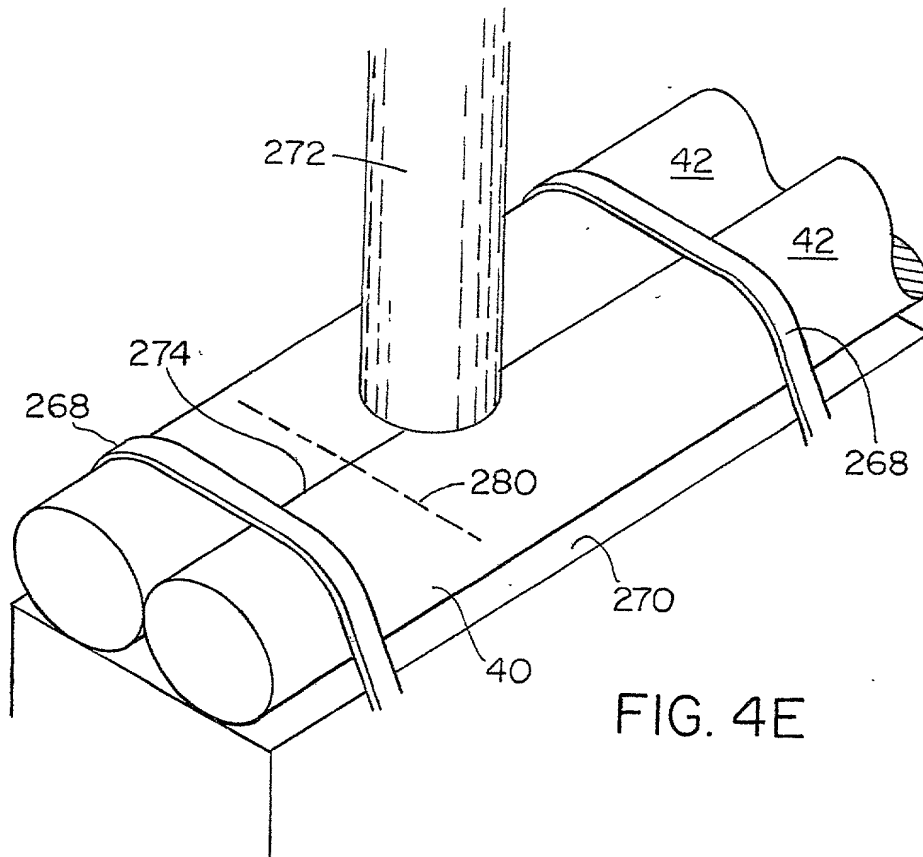


FIG. 4E

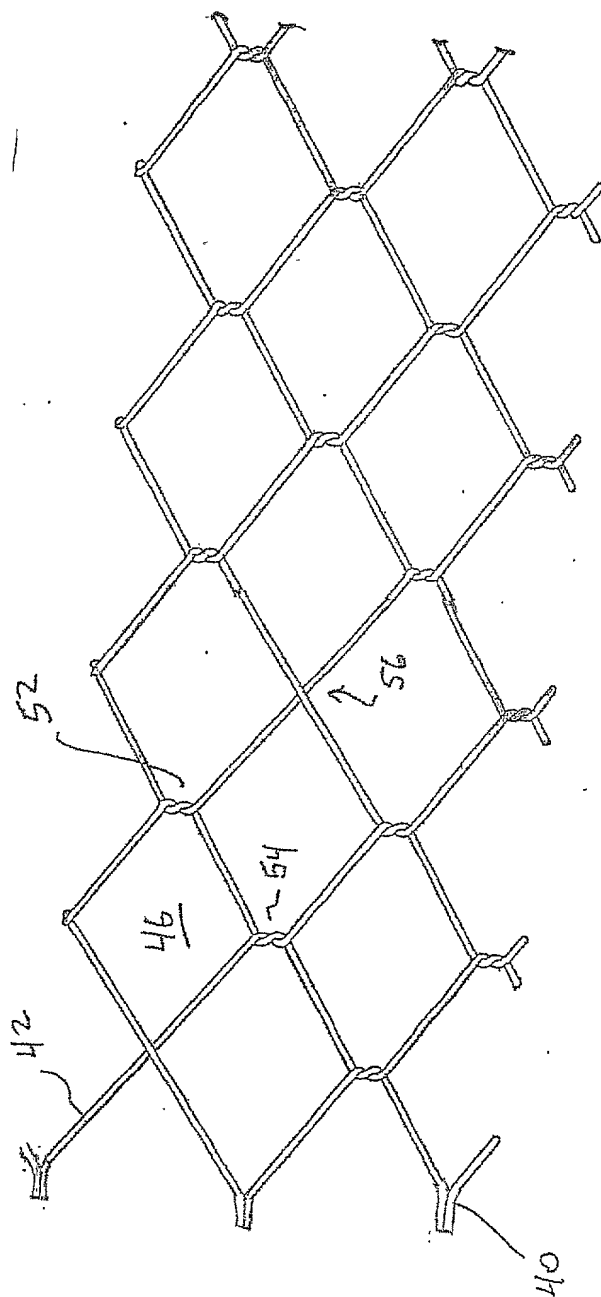


FIG. 4D



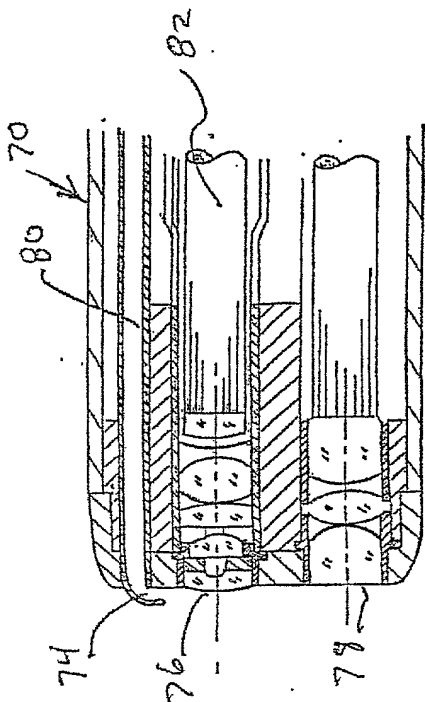


FIG. 6A is a schematic diagram of a medical device 86, such as a catheter, in a retracted position. The device 86 includes a handle 90, a proximal shaft 94, a distal shaft 92, and a distal tip 101. A coiled proximal shaft 94 is connected to a handle 90. The proximal shaft 94 is connected to a distal shaft 92. The distal shaft 92 includes a proximal section 137, a middle section 10, and a distal section 140. The distal section 140 includes a distal tip 101. A proximal shaft 94 is connected to a handle 90. The proximal shaft 94 is connected to a distal shaft 92. The distal shaft 92 includes a proximal section 137, a middle section 10, and a distal section 140. The distal section 140 includes a distal tip 101.

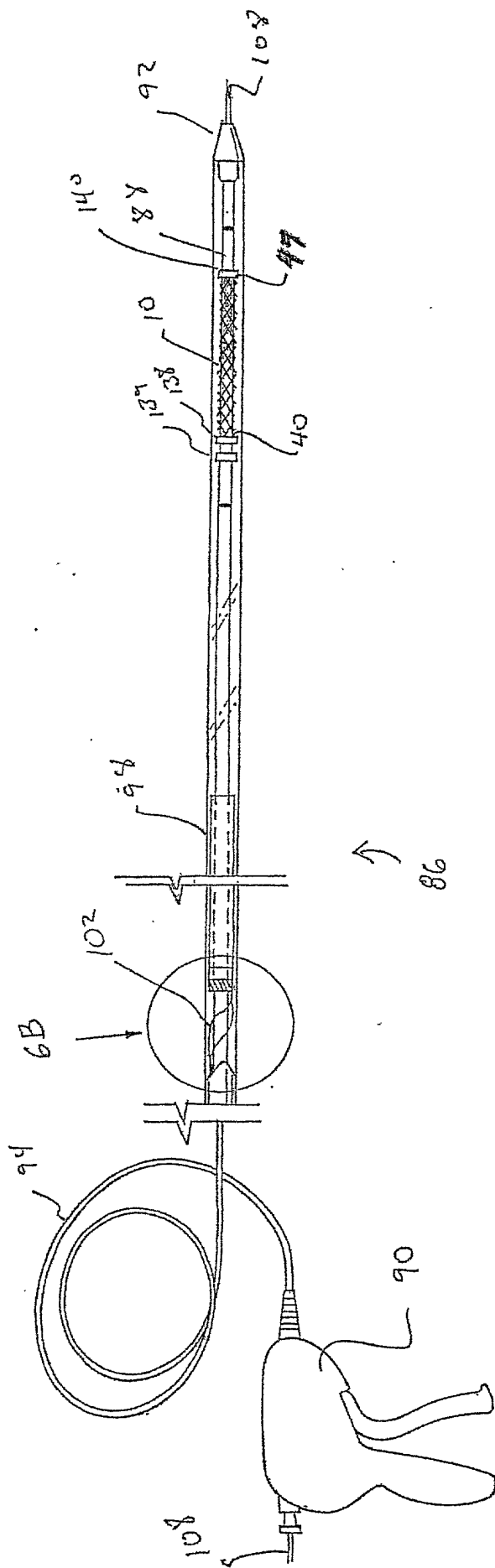


FIG. 6A

FIG. 7 is a perspective view of the catheter assembly 10 in a curved configuration. The catheter assembly 10 includes a handle 116, a shaft 112, and a distal tip 118. The handle 116 is connected to the shaft 112 at a proximal end. The shaft 112 is a long, thin, flexible tube that can be curved into a loop. The distal tip 118 is at the end of the shaft 112. The shaft 112 is shown with a dashed line 120 indicating its internal structure. The distal tip 118 is shown with a dashed line 124 indicating its internal structure. The shaft 112 is also labeled with 122 and 128. The distal tip 118 is also labeled with 130.

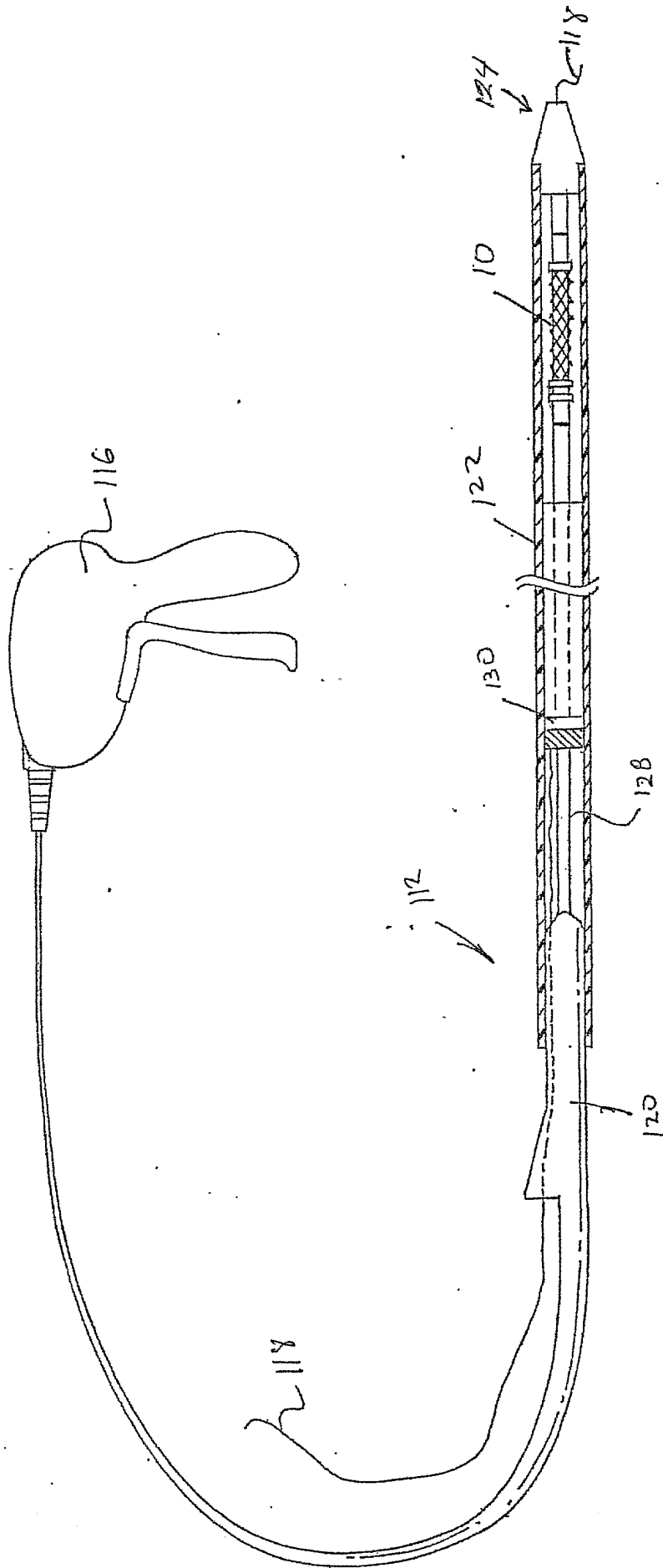


FIG. 7

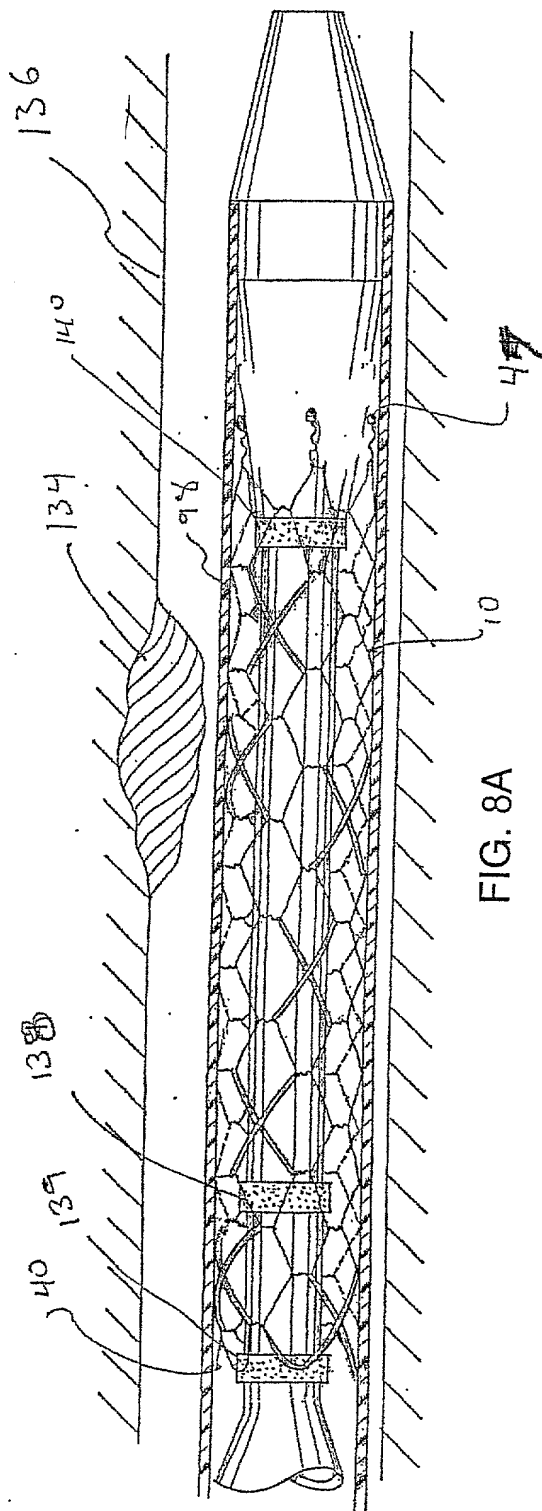


FIG. 8A

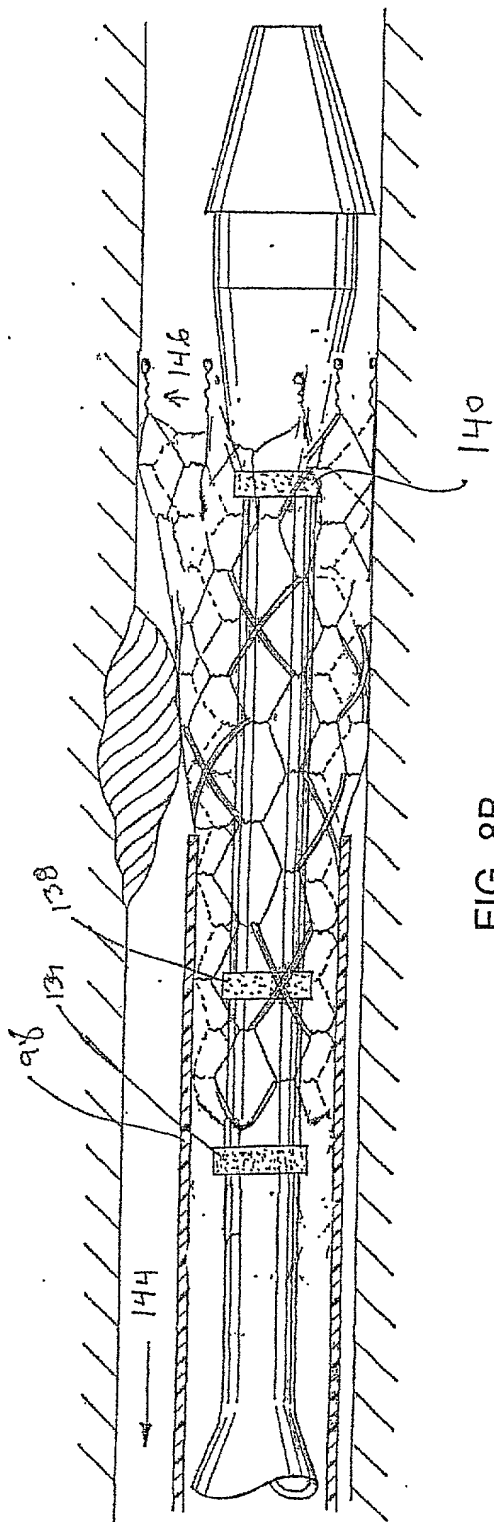


FIG. 8B

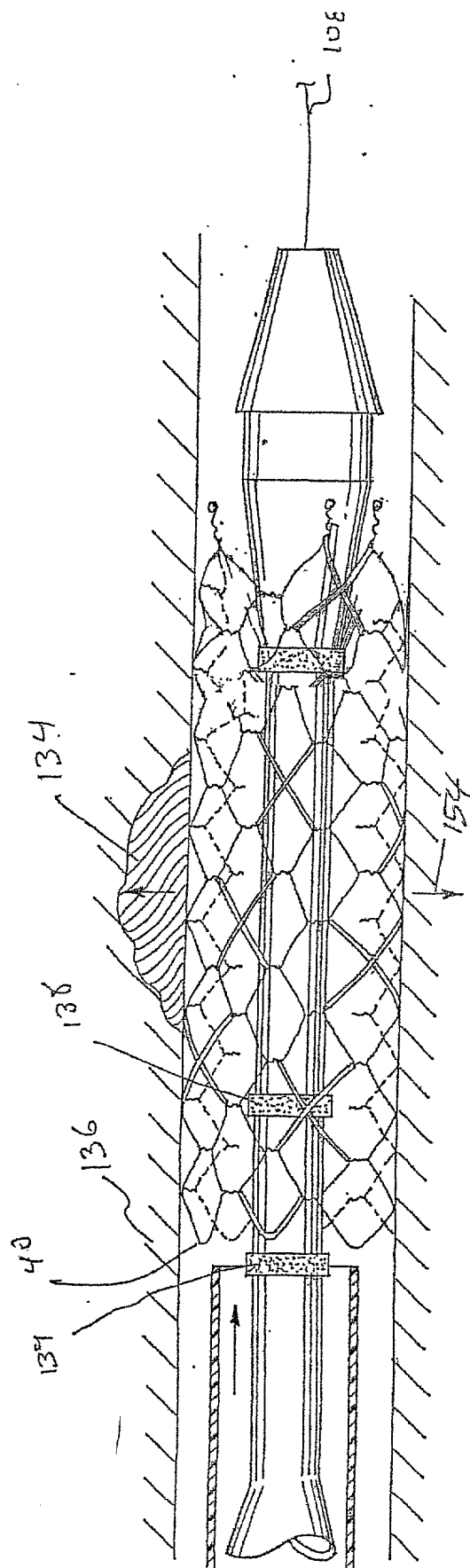
[illegible]

FIG. 8C

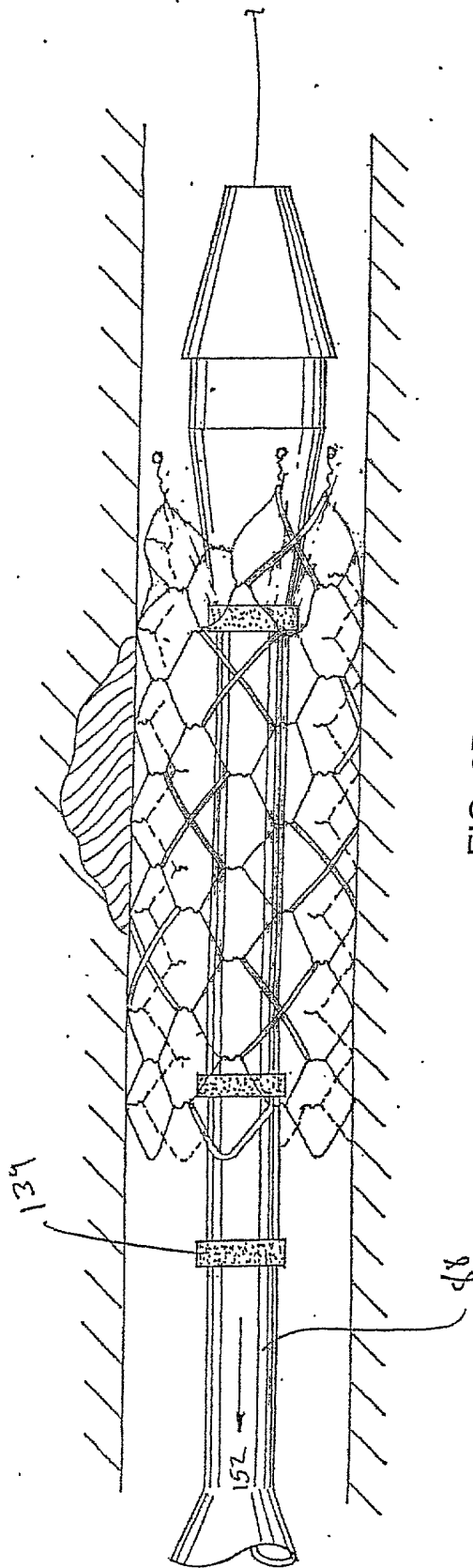
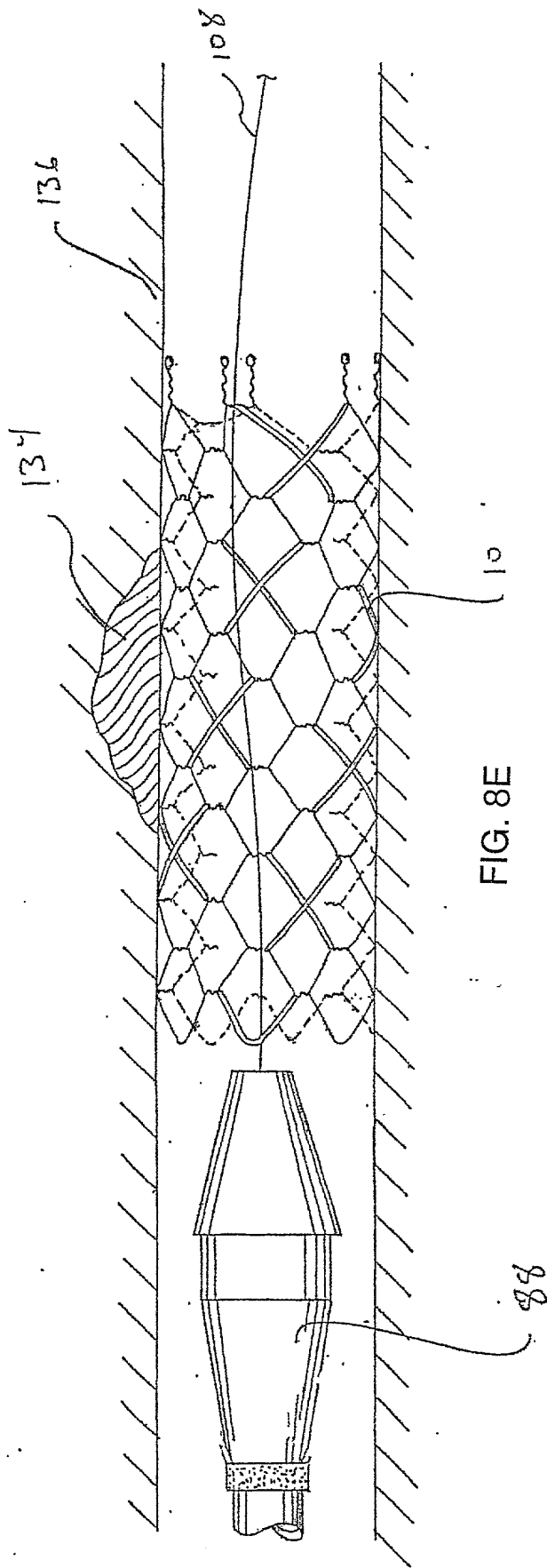


FIG. 8D



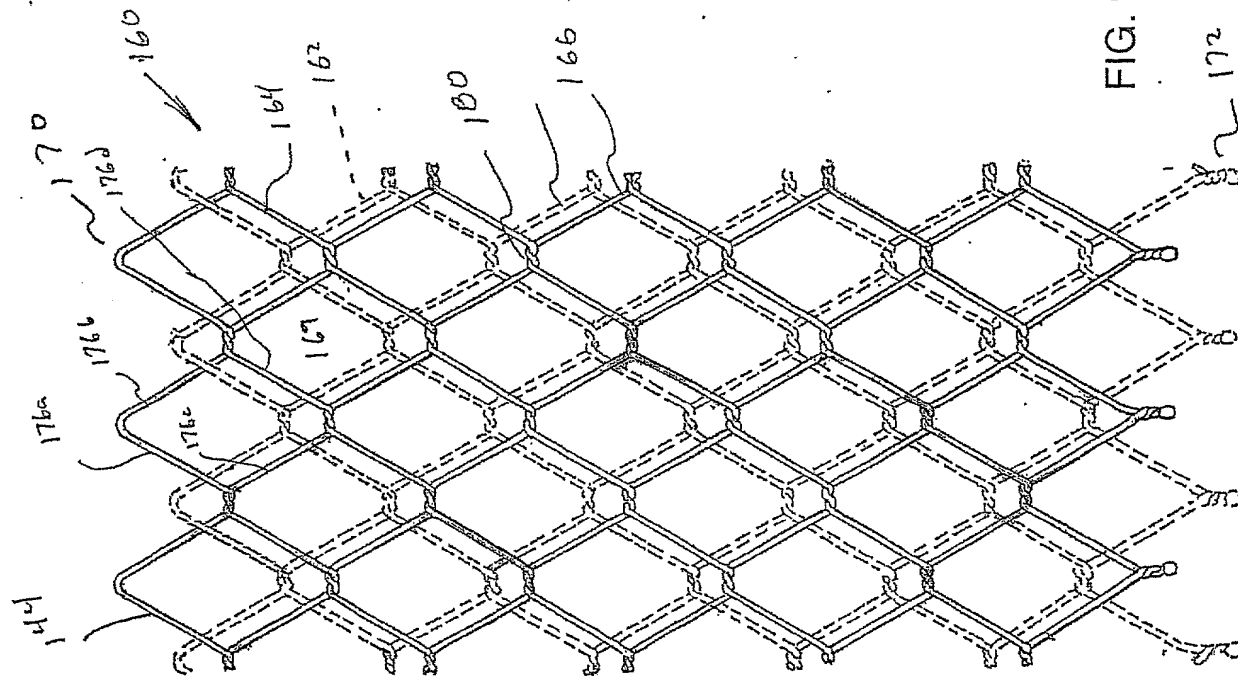


FIG. 9

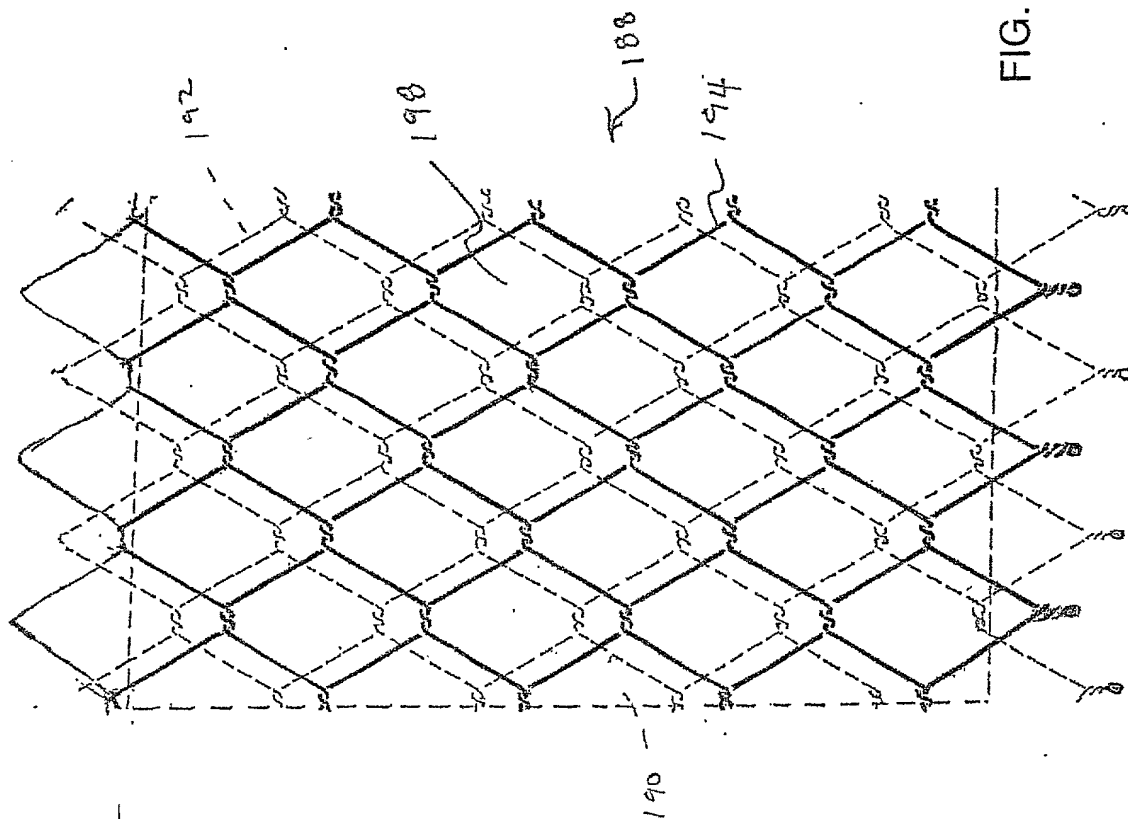


FIG. 10

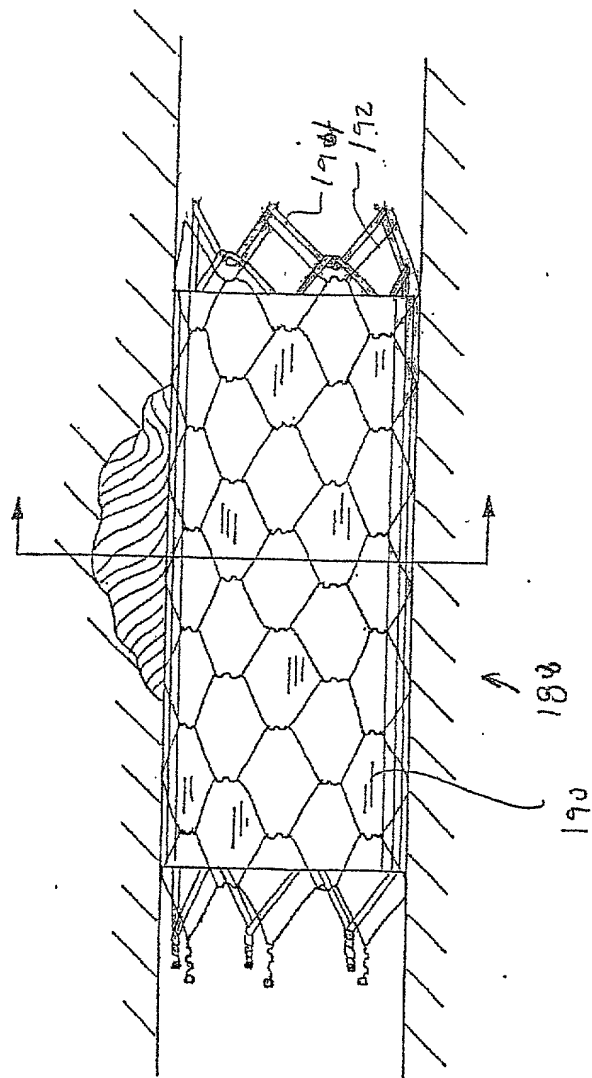


FIG. 11

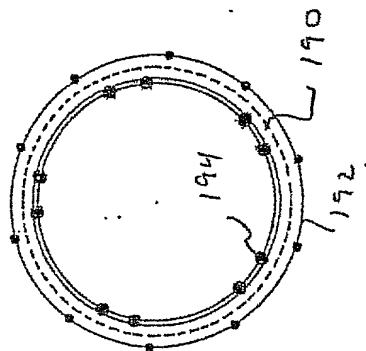


FIG. 12



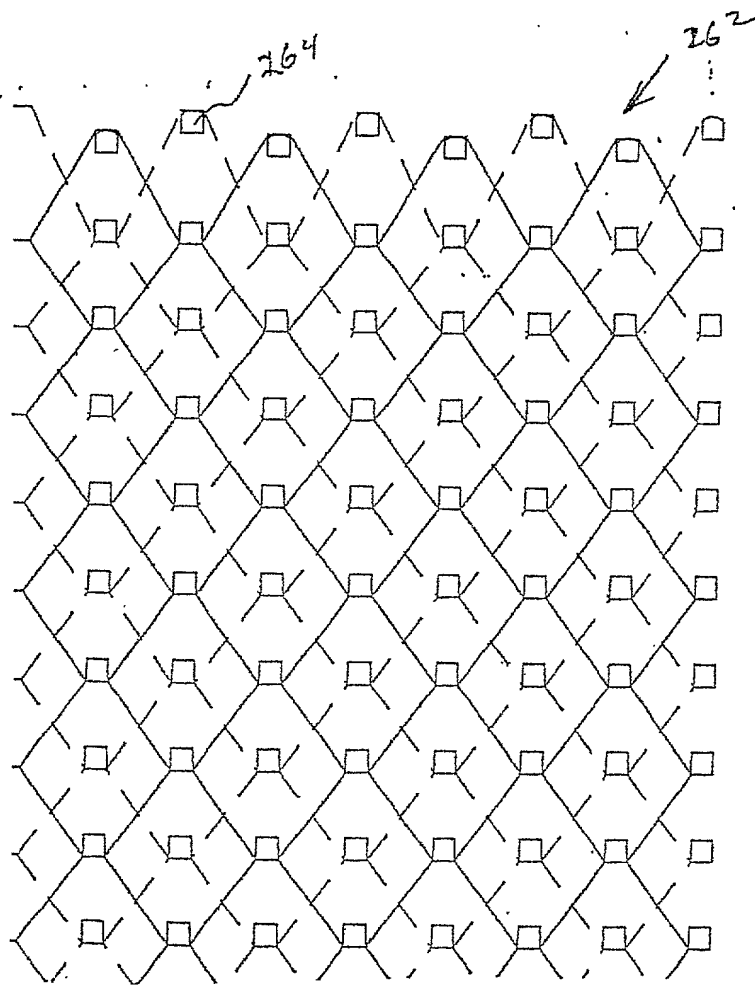


FIG. 13

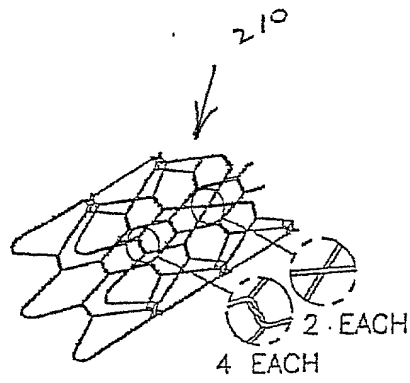


FIG. 14A

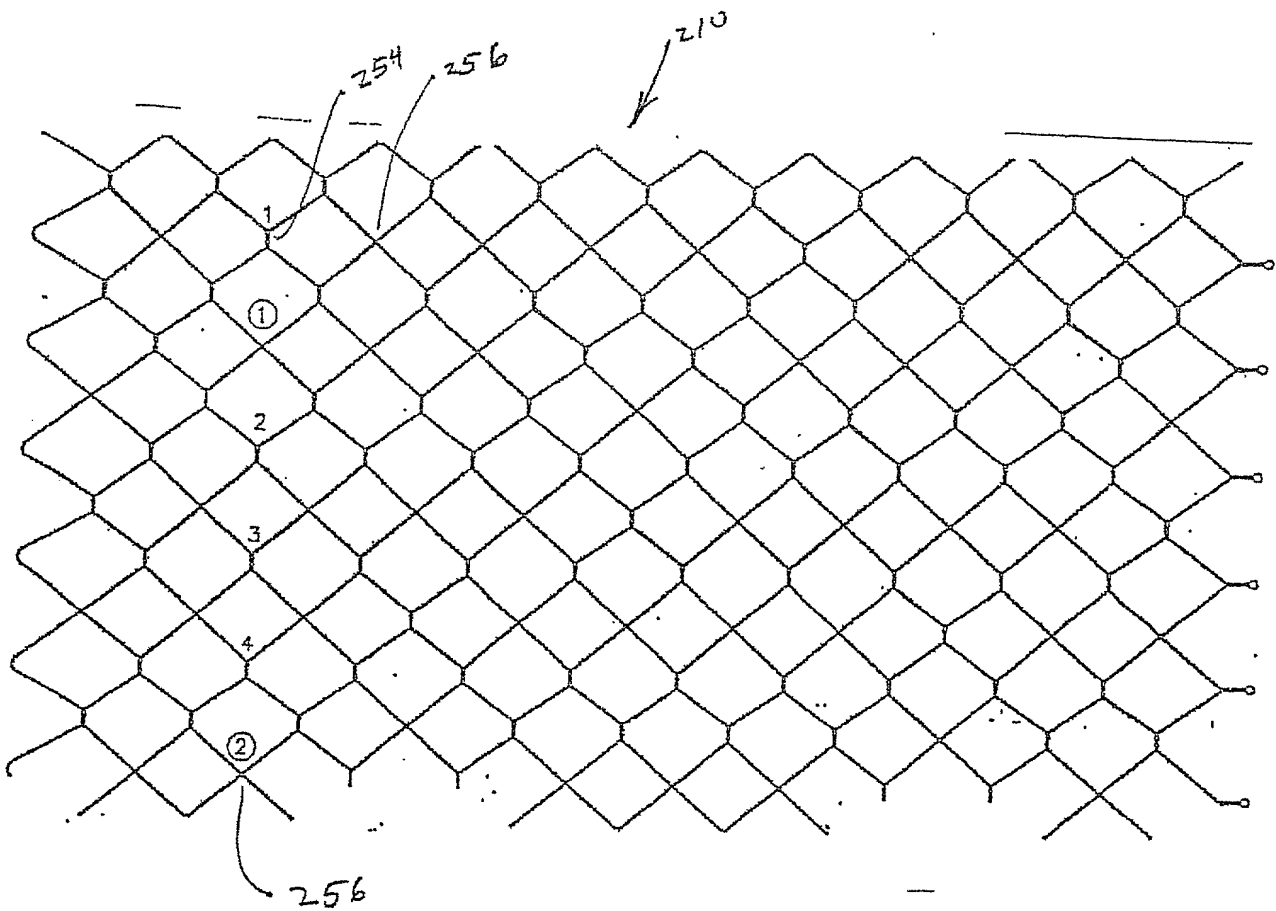


FIG. 14B

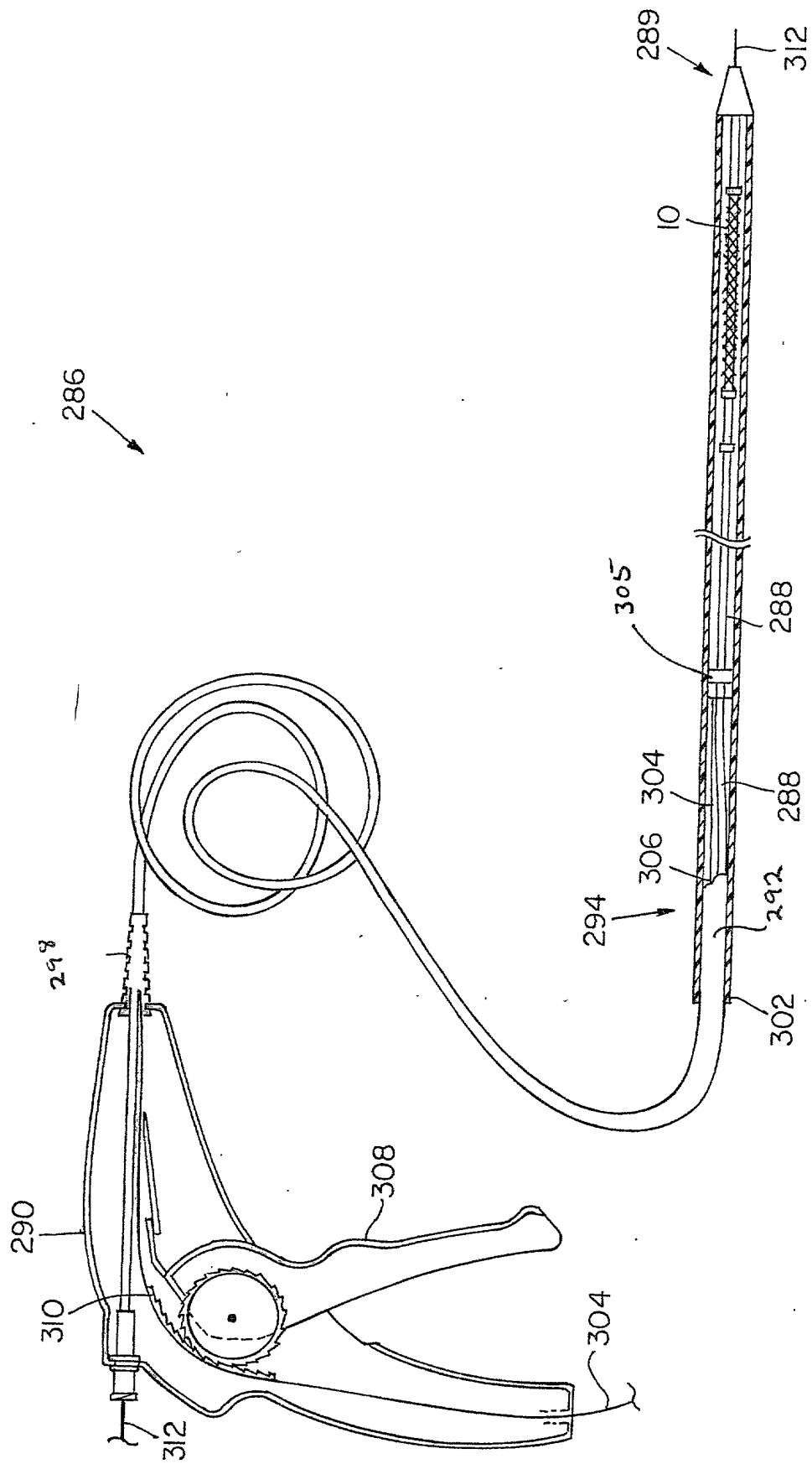


FIG. 15A

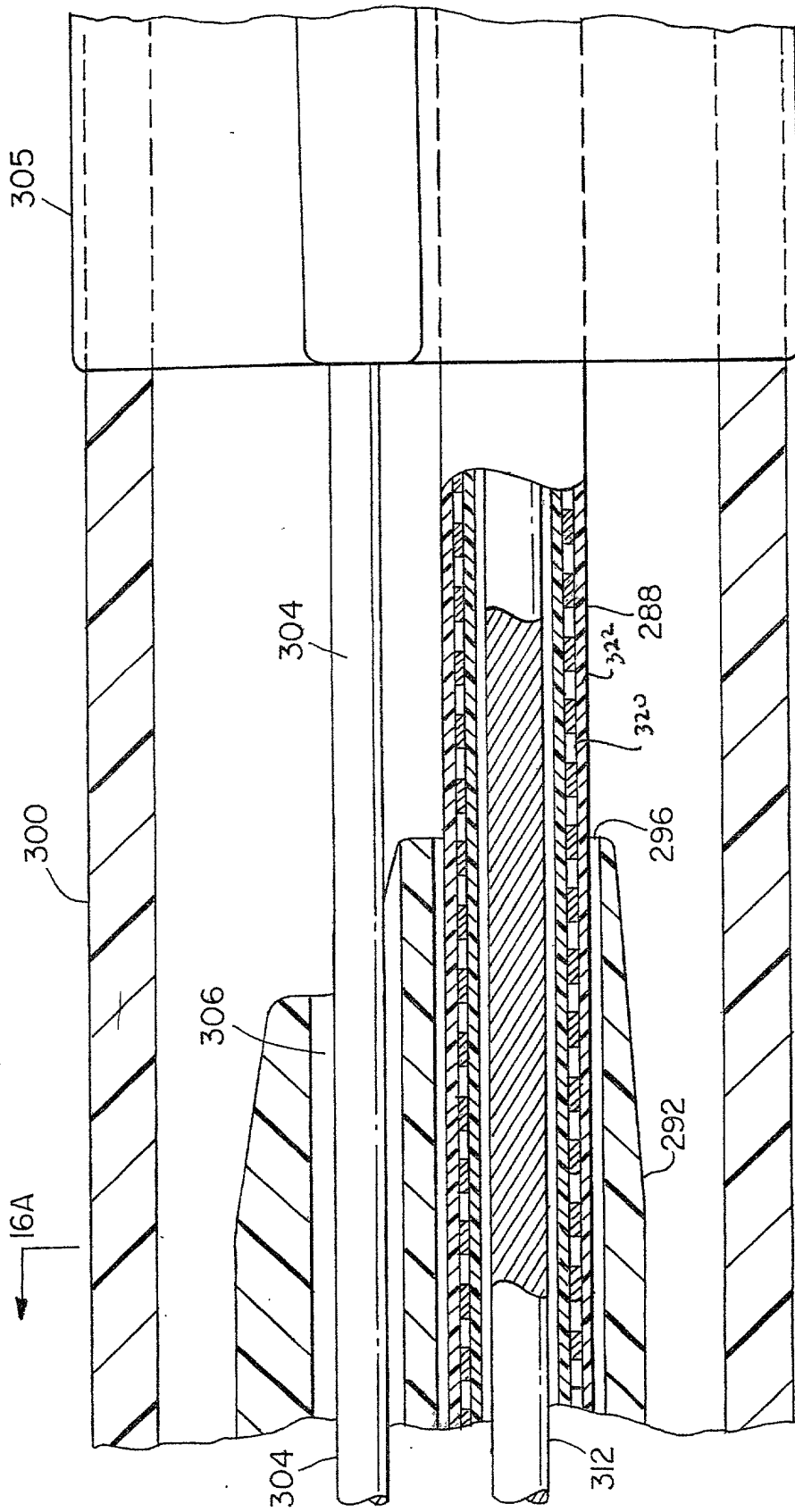


FIG. 15B



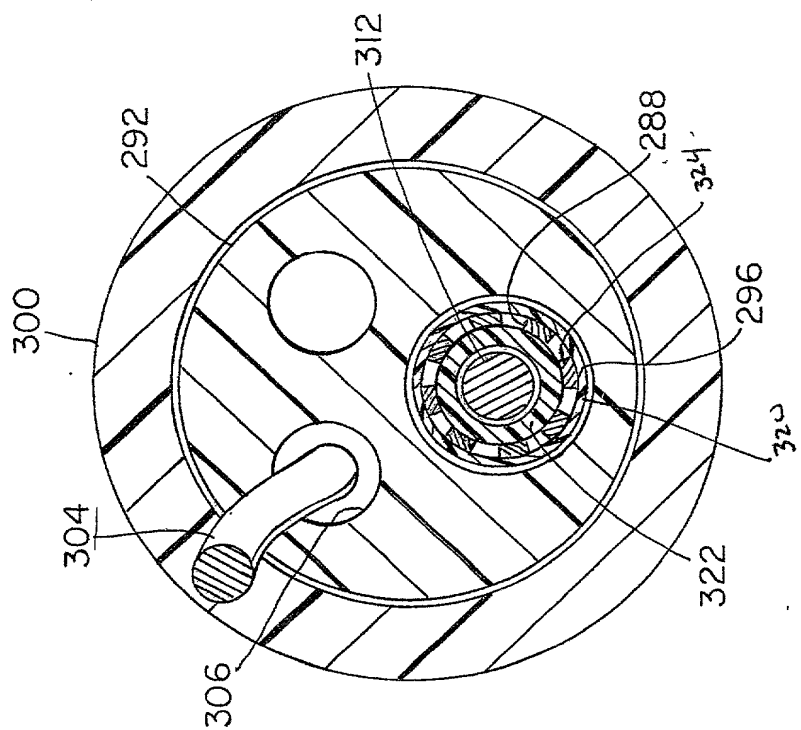


FIG. 16A

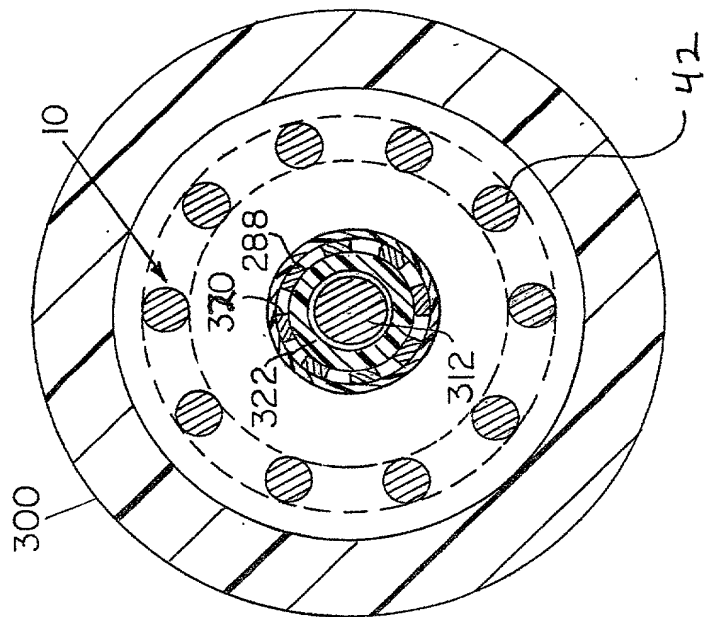


FIG. 16B

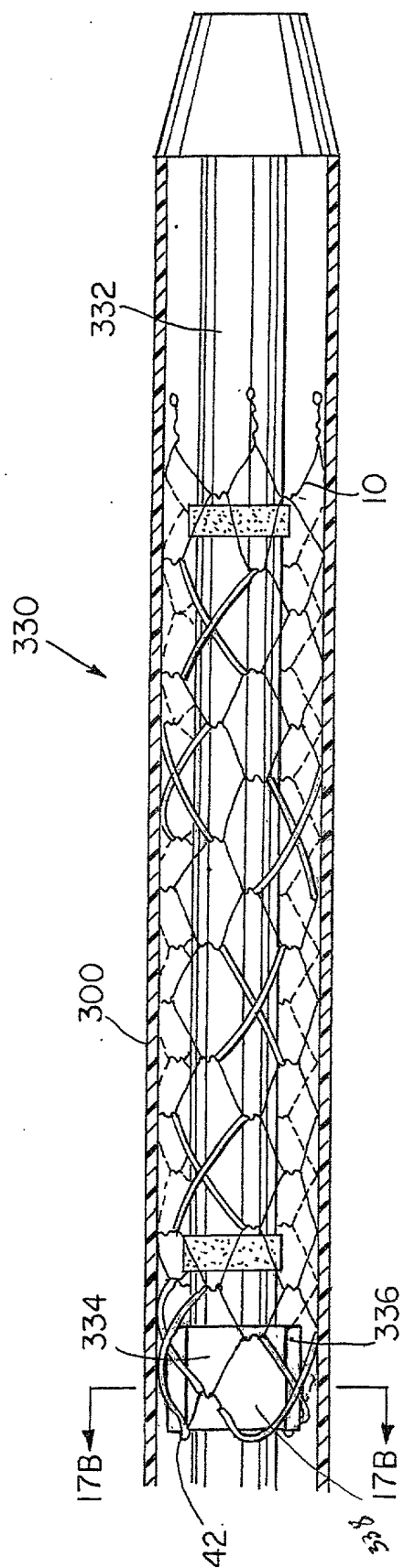
[illegible]

FIG. 17A

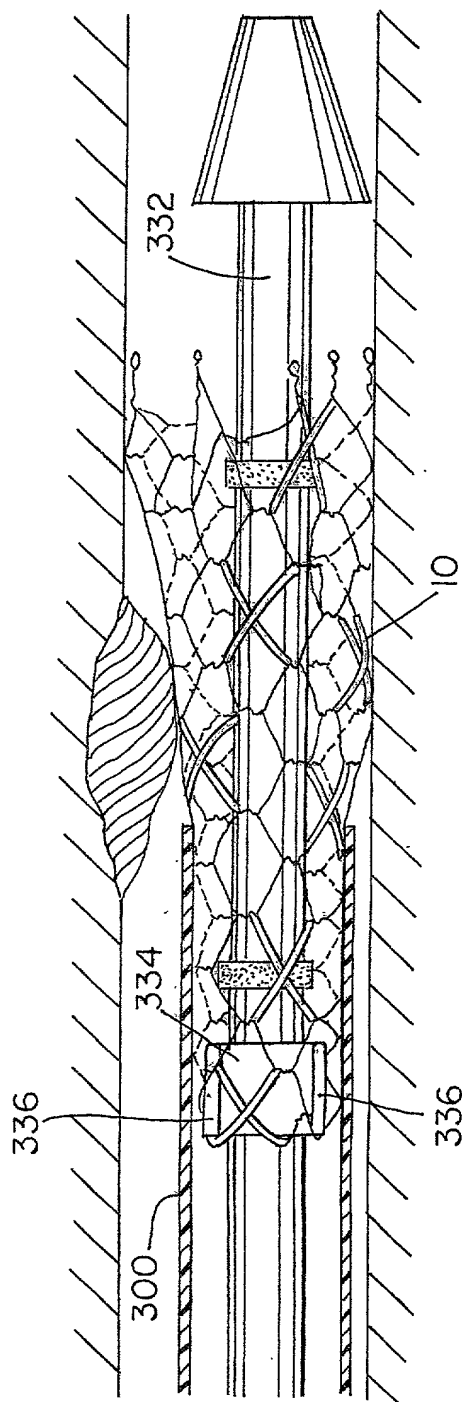


FIG. 17C

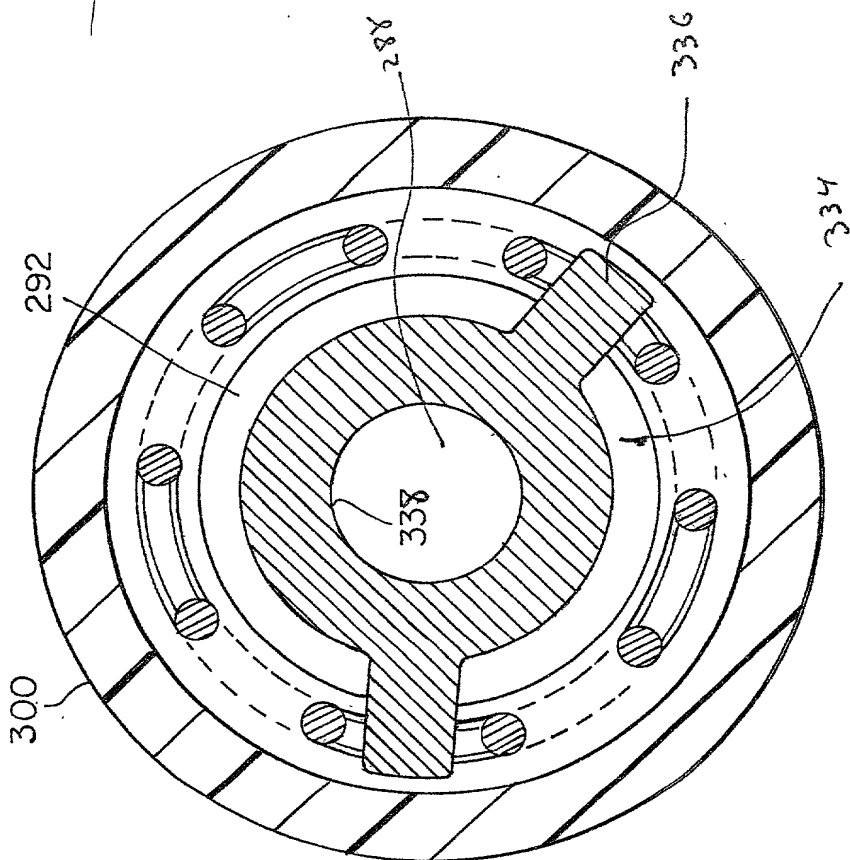


FIG. 17B

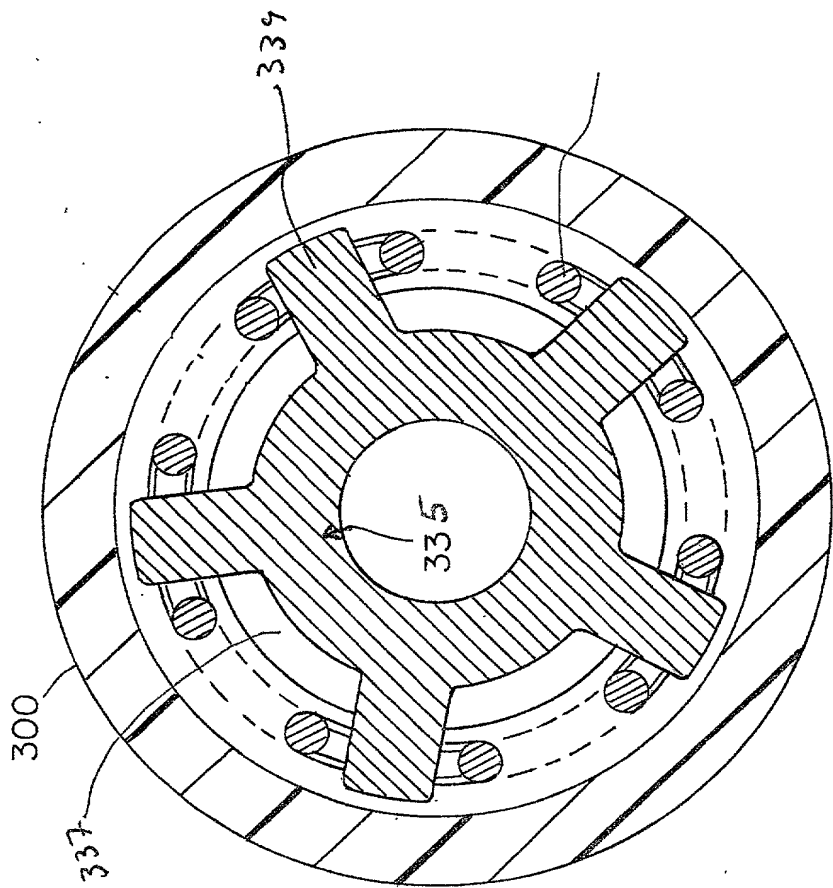


FIG. 18



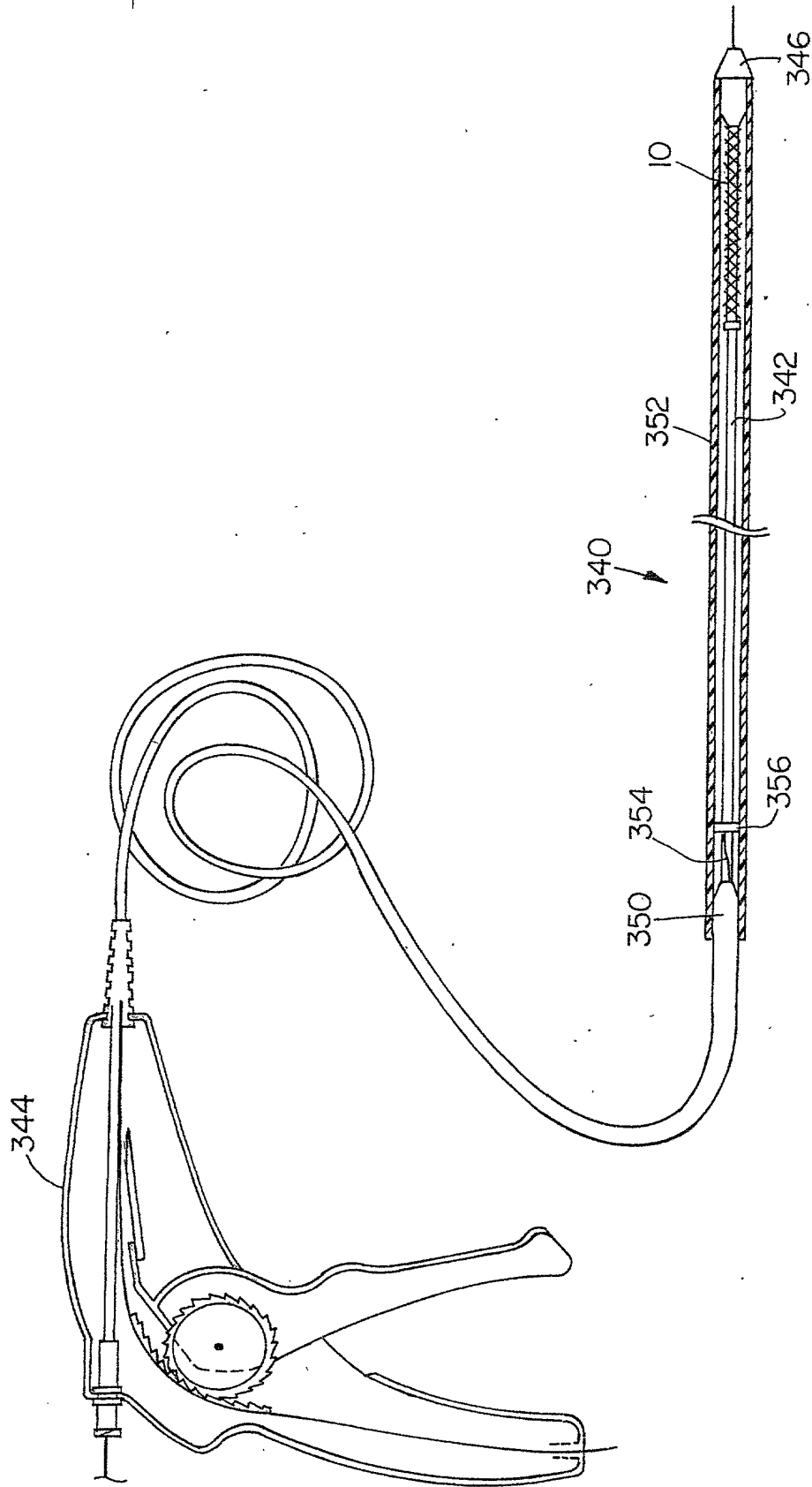


FIG. 19A

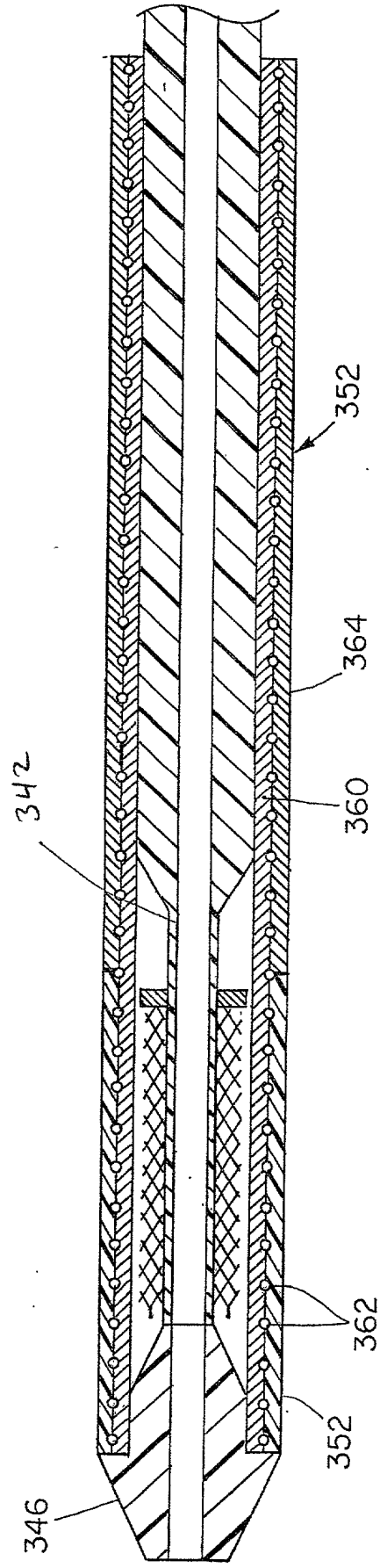


FIG. 19B

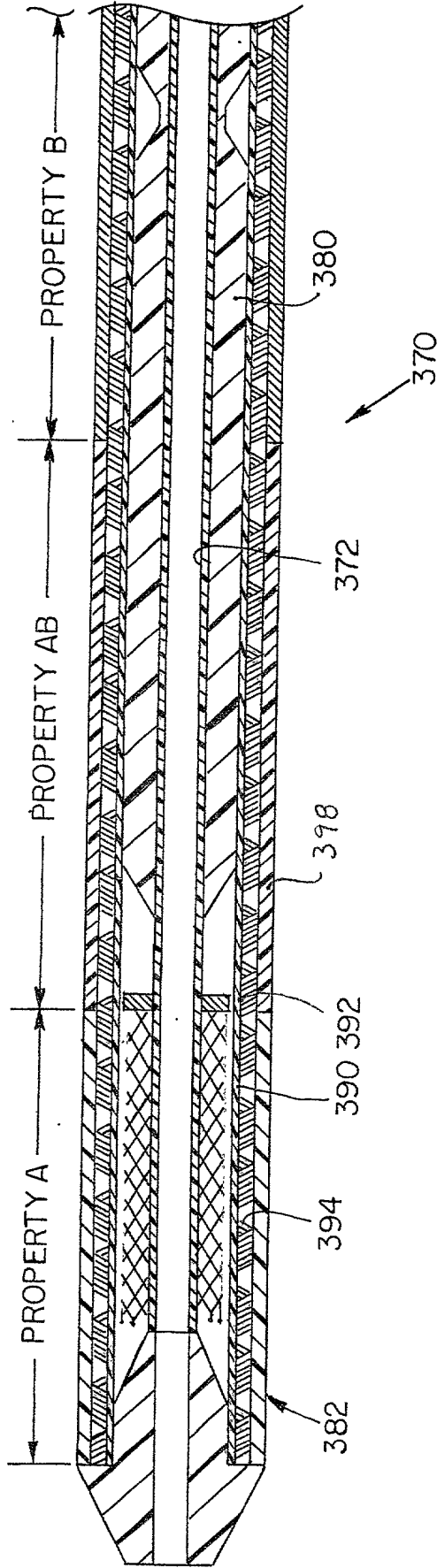


FIG. 20A

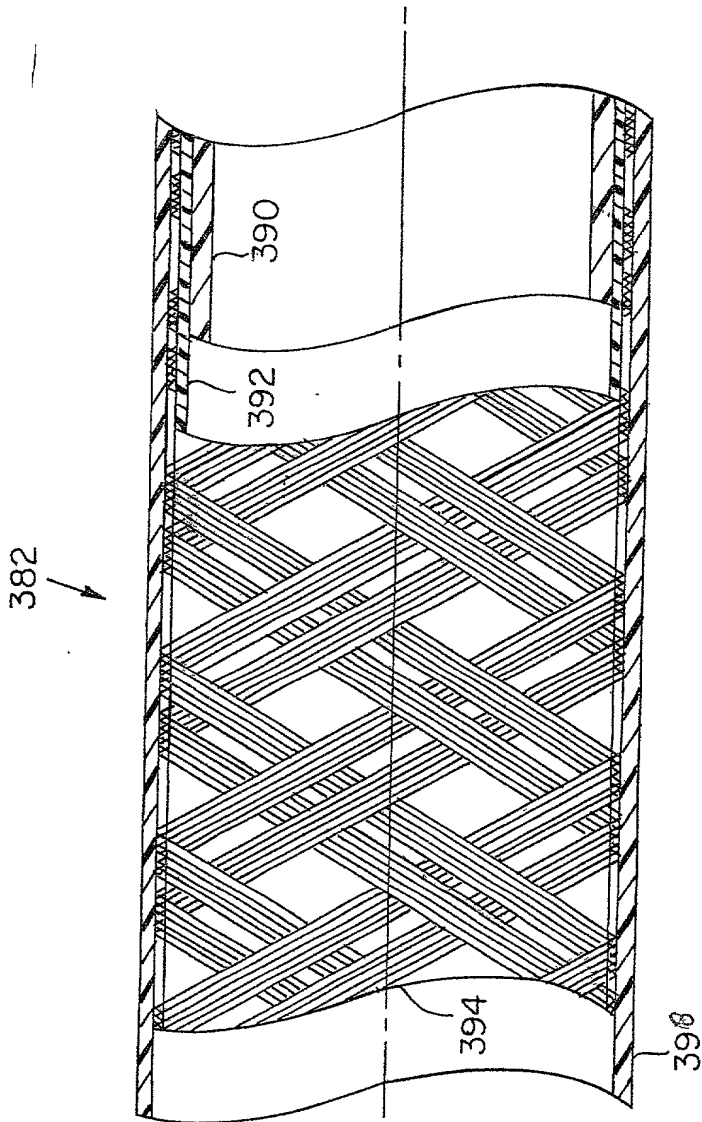


FIG. 20B

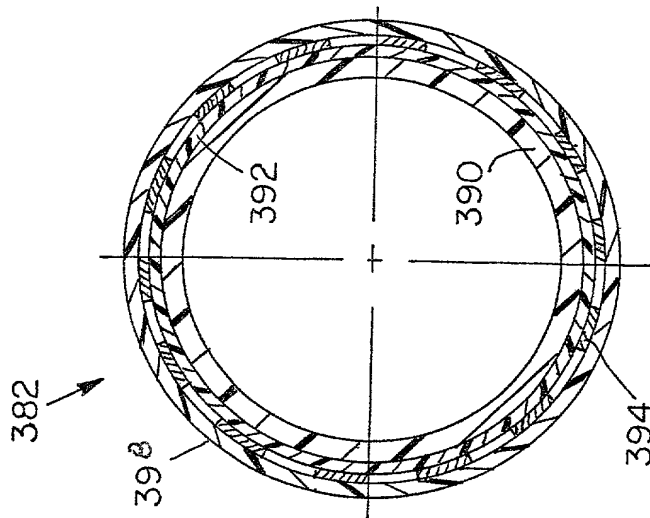


FIG. 20C

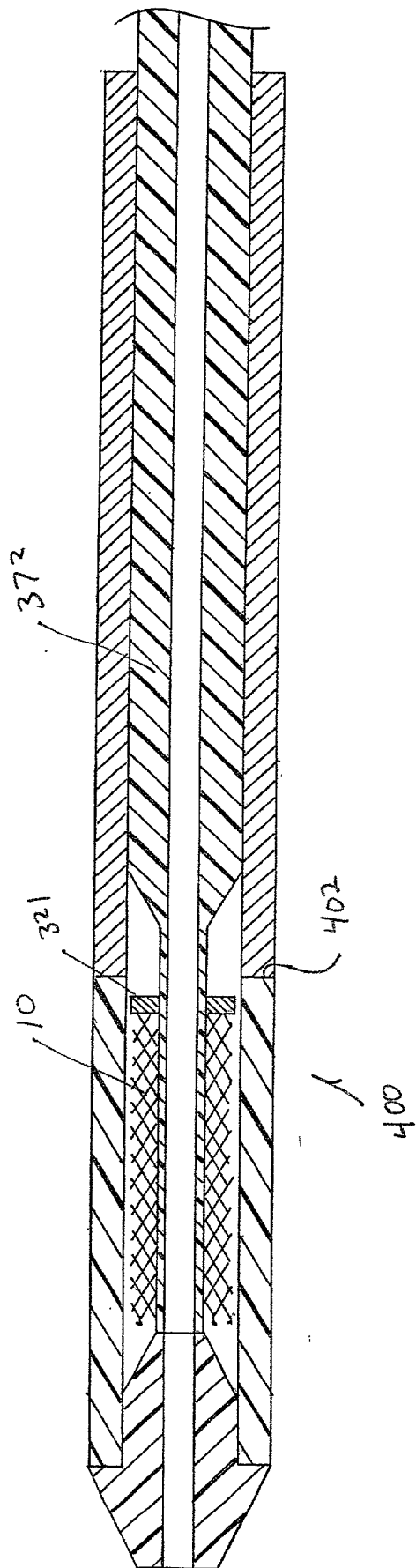


FIG. 21

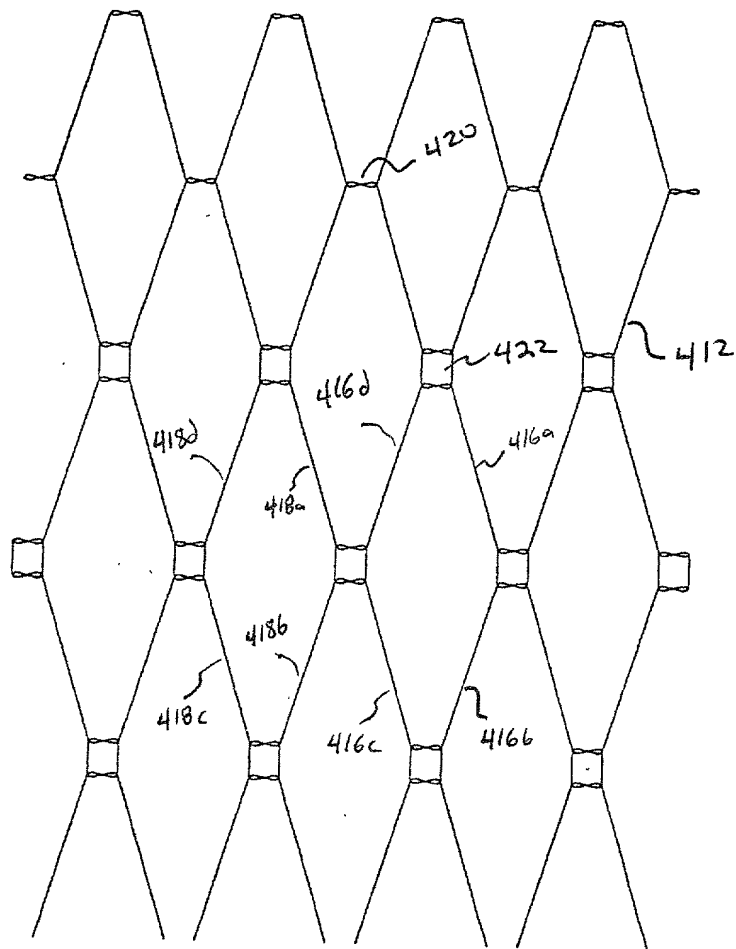


FIG. 22A

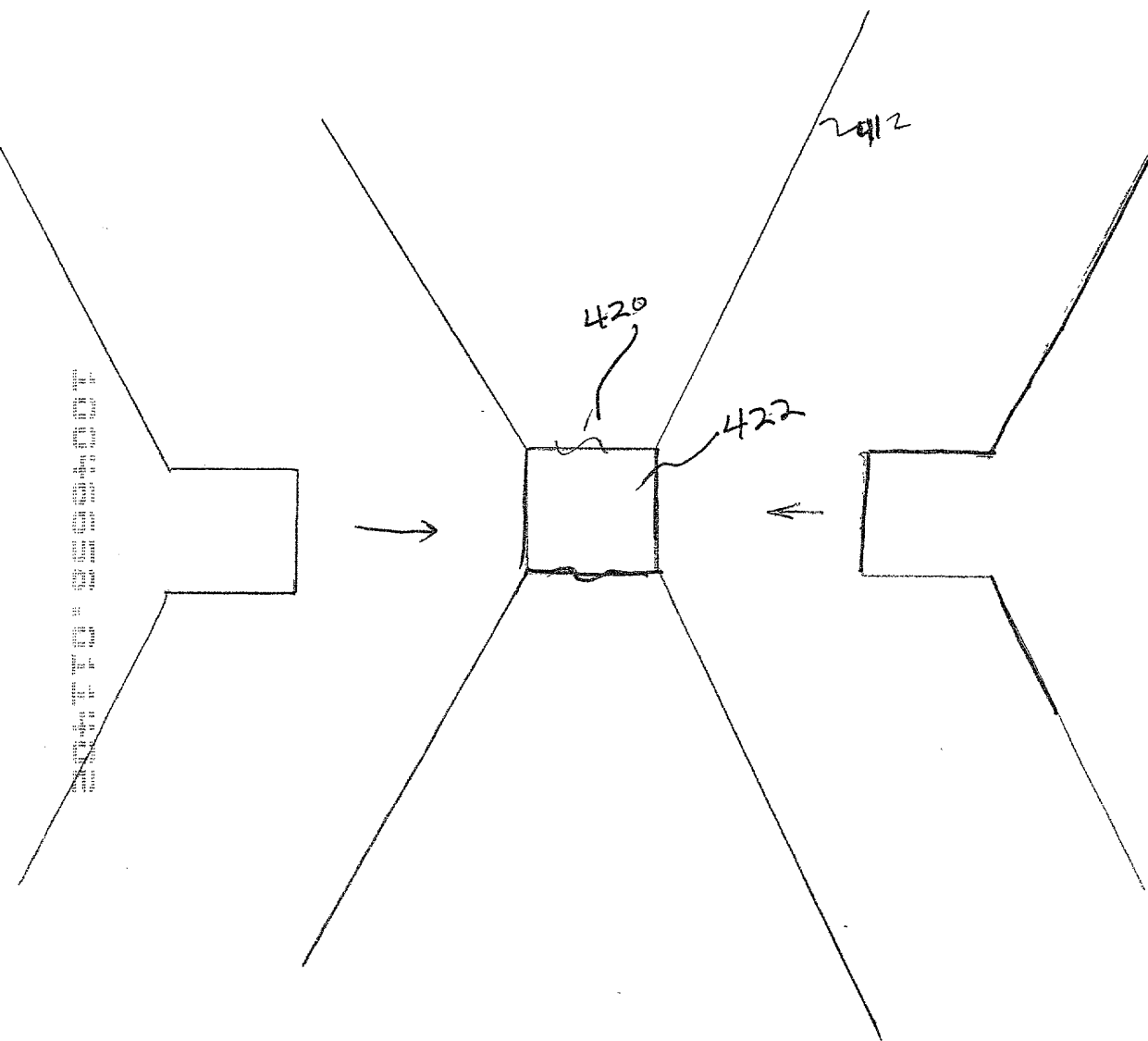


FIG. 22B

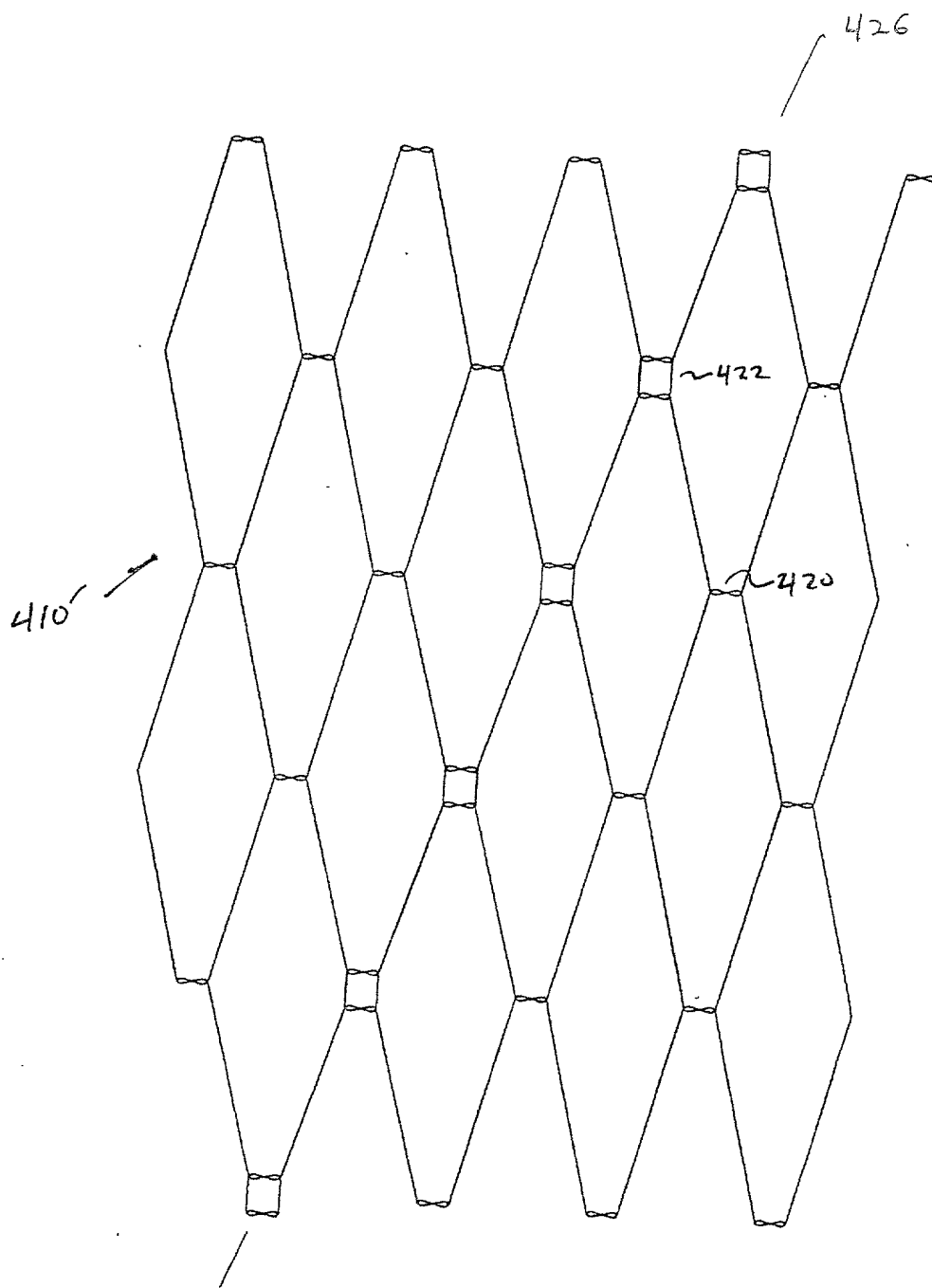


FIG. 23A



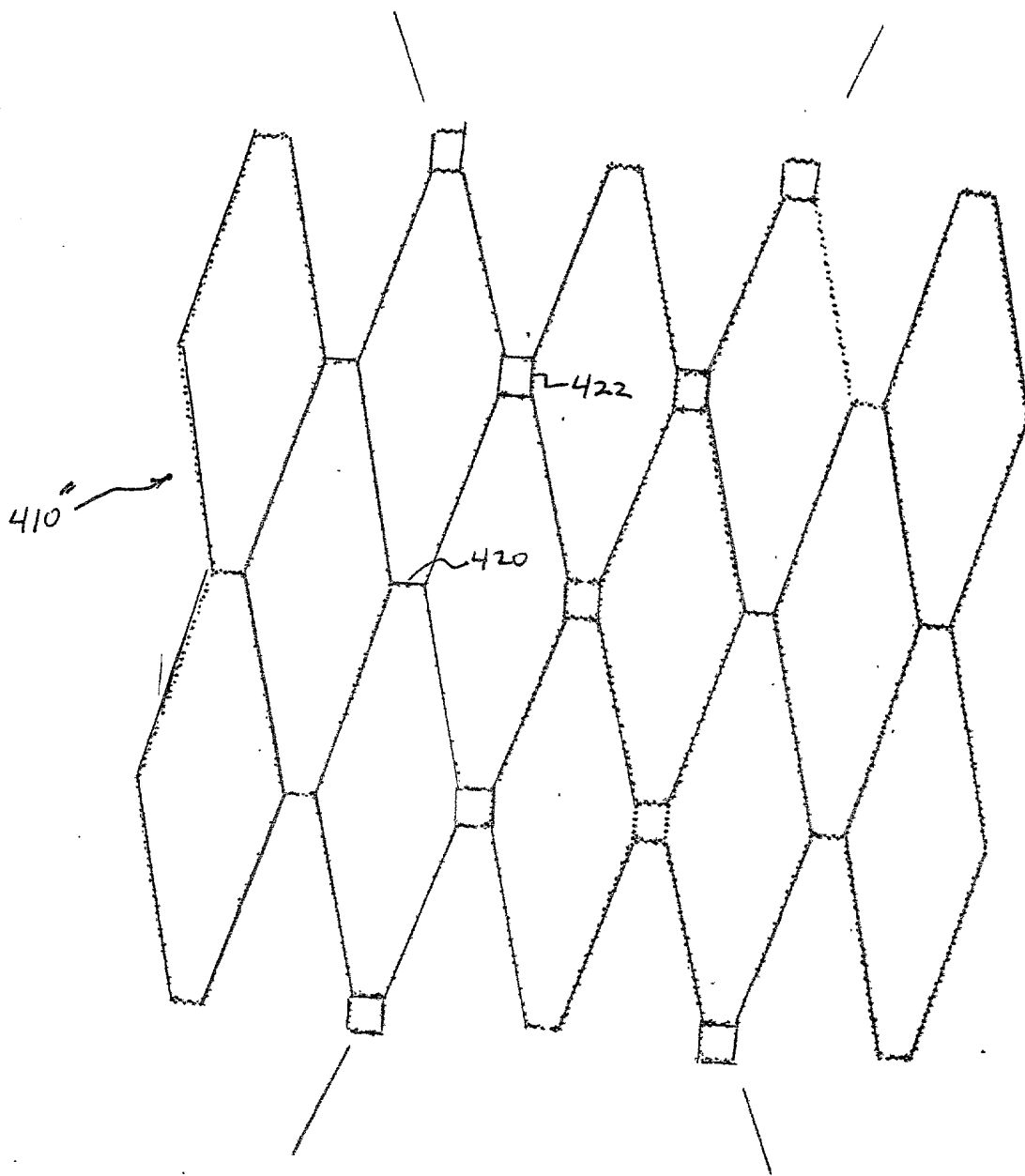


FIG. 23B

FIG. 24A

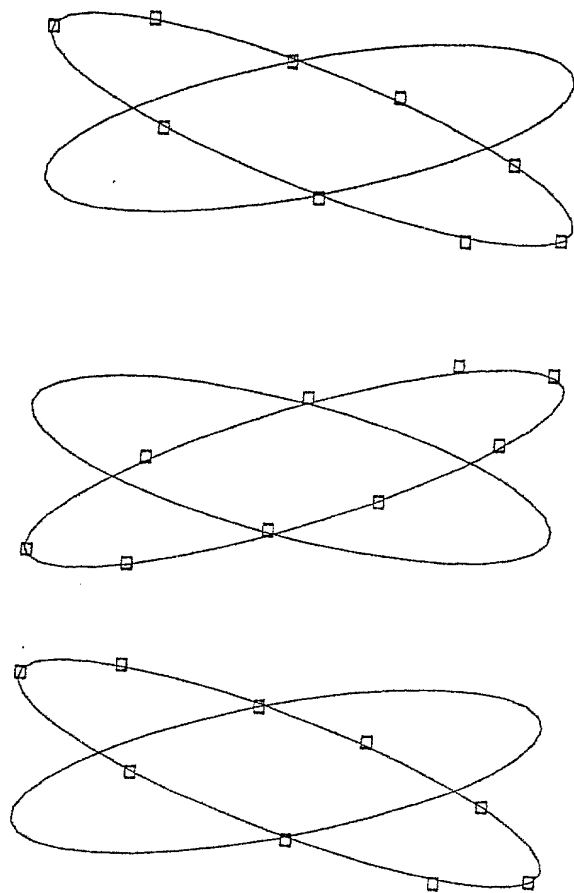


FIG. 24A

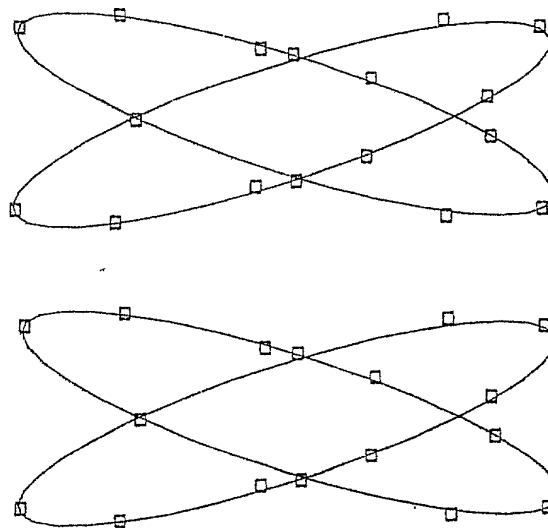


FIG. 24B

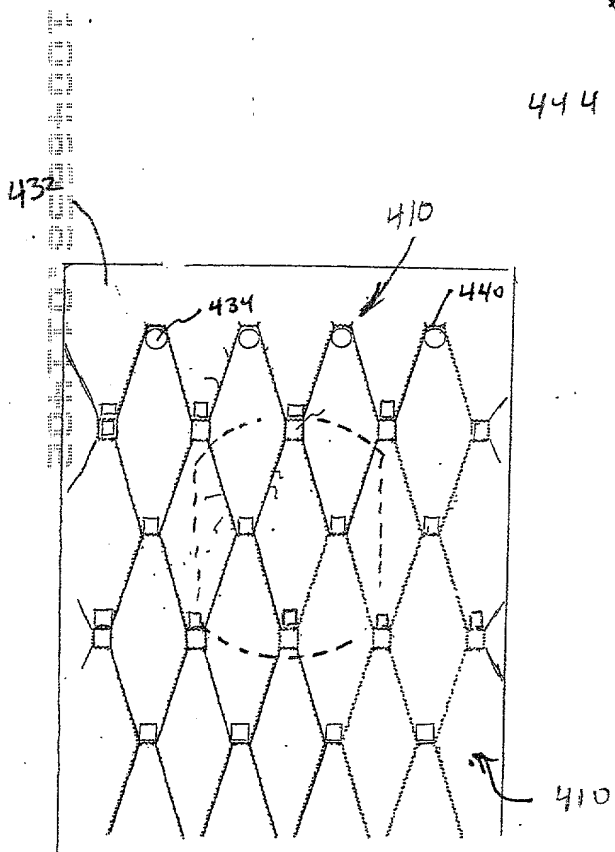


FIG. 25A

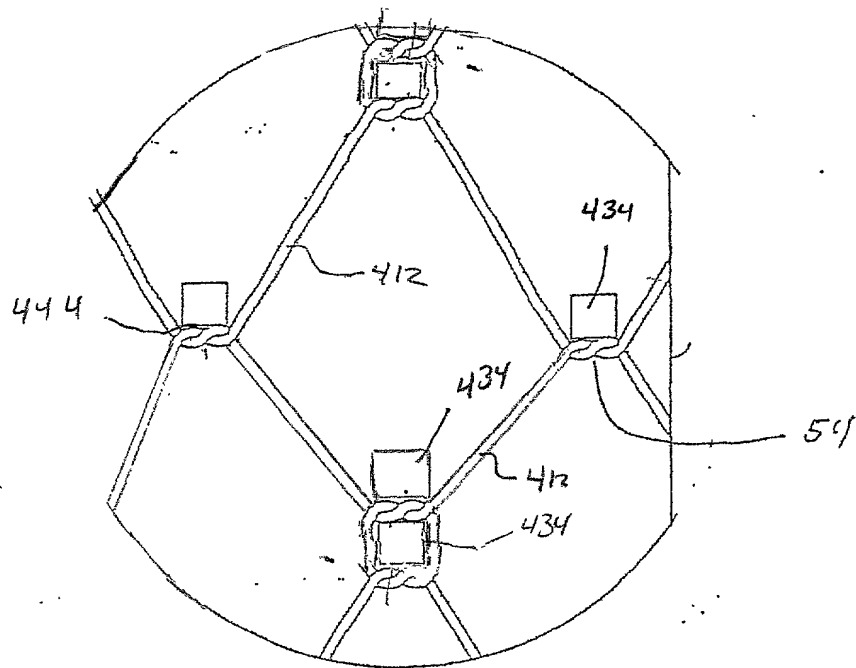


FIG. 25B

FIG. 26A is a perspective view of a portion of a mesh structure, showing a repeating diamond pattern formed by interlocking loops. The mesh is bounded by two parallel horizontal lines. Various components are labeled with reference numerals: 22, 26, 28a, 28b, 28c, 28d, 460, and 450. An angle  $\alpha$  is indicated between a horizontal line and one of the mesh strands.

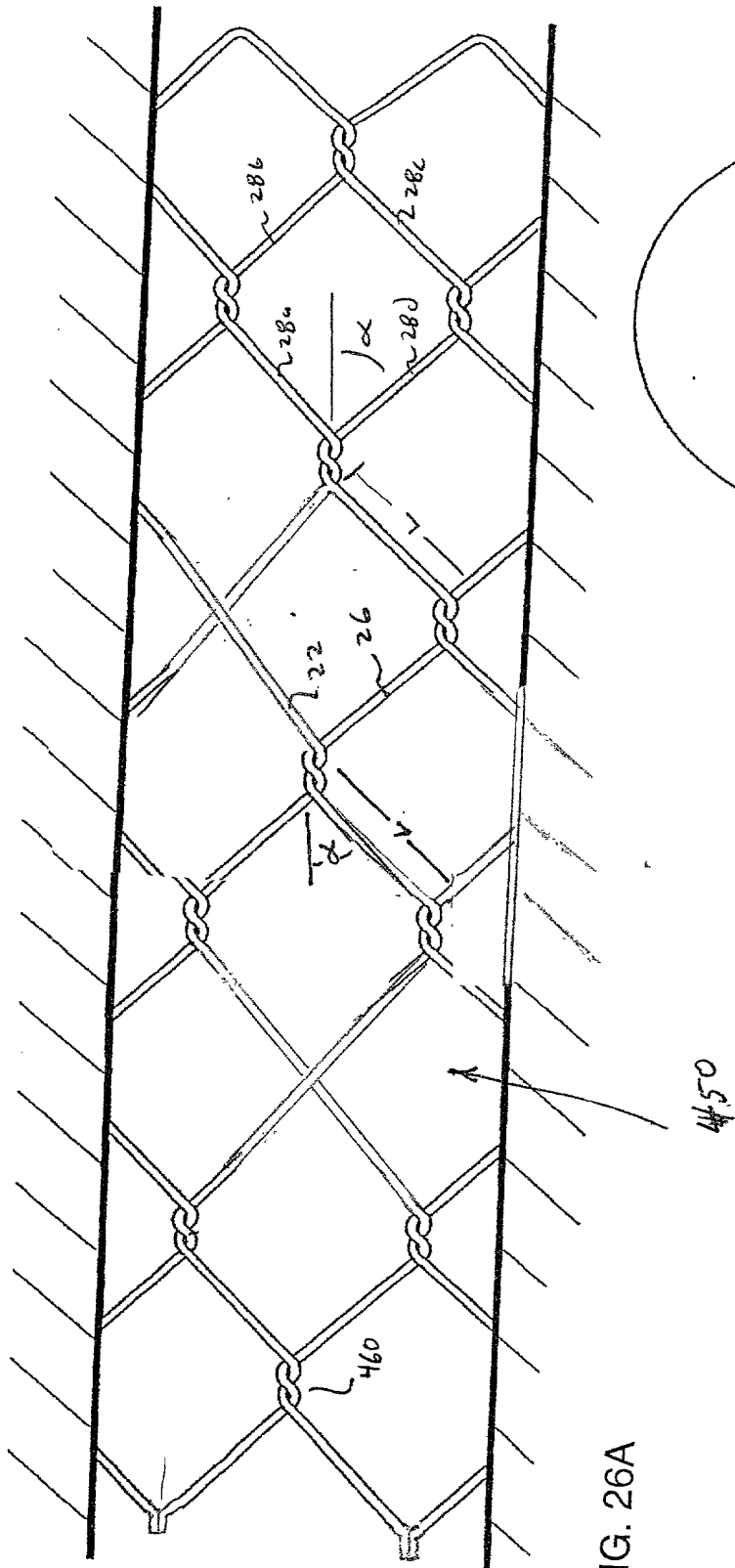


FIG. 26A

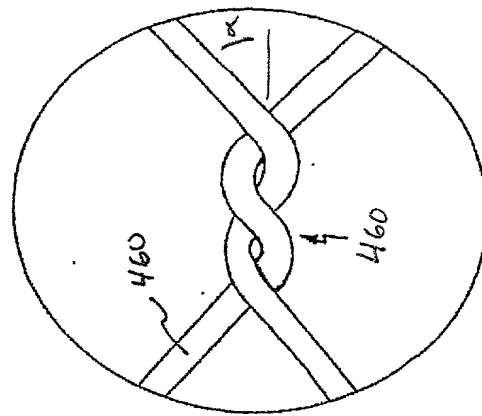


FIG. 26B

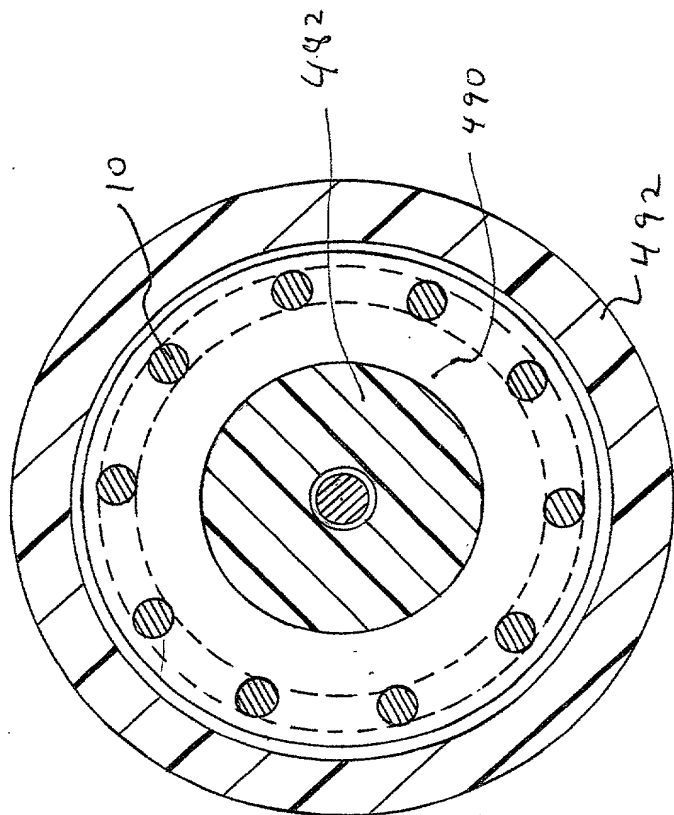


FIG. 27B

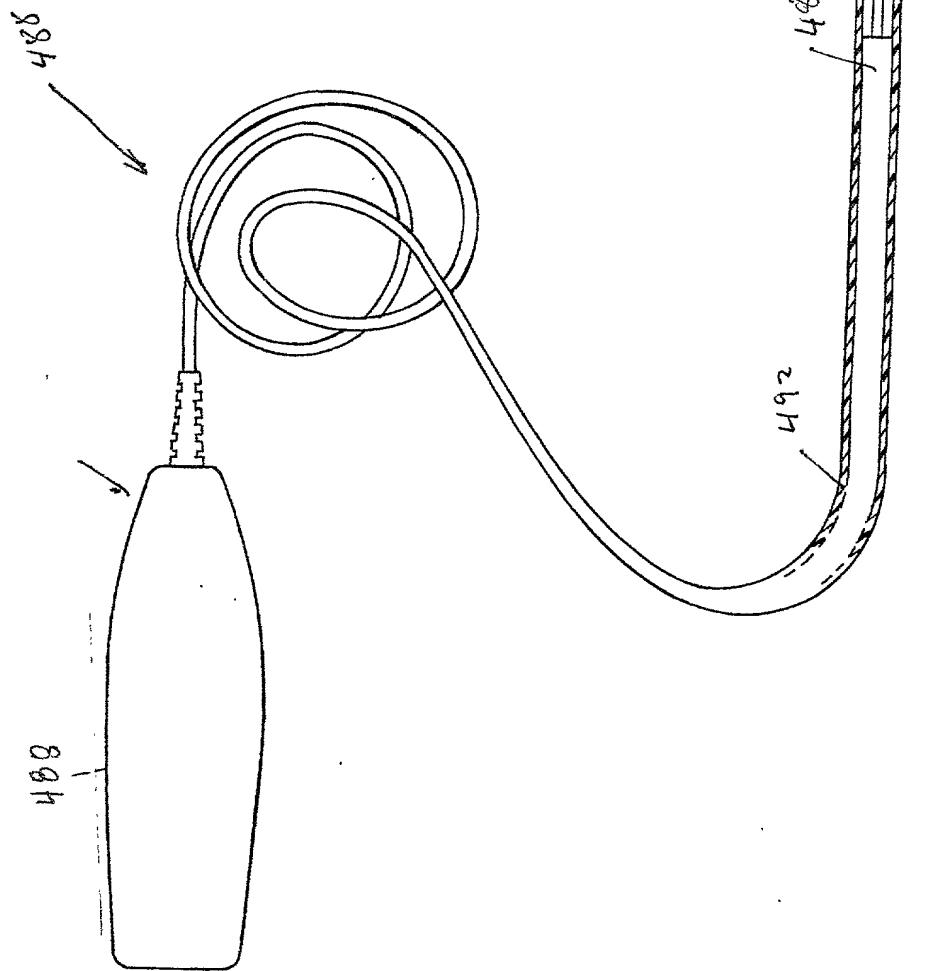


FIG. 27A